Edgar A. Mearns

Division of Birds

Catalogue of Birds collected in the Philippine Islands.

Nos. 12855 to 13833.

June 27, 1903 to December 14, 1905.

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Book I.

(3 Books.)

Edgar A. Mearns

No.	Name		Sex and age	Date 1903	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe with claw	Remarks
12855	Uria troile californica	{Cliff House, San Francisco, Cal.	♀ ad.	June 27	458	715	195	65	42	39	54	Found dead on the beach at Cliff House. Depth of bill at base, 14.
12856	Myzomela rubrata.	{Island of Guam, Pacific Ocean.	♂ ad.	July 21	153	235	77	59	18	22	18	Shot in cocoanut palms. Iris reddish brown. Bill black. Feet plumbeous-black, except under side of toes which are yellow. Tastes mango.
12857	Myzomela rubrata	"	♂ ad.	"	148	227	77	56	19	22	18	Iris reddish brown. Bill blackish, yellowish at base of mandible. Feet brownish plumbeous, with soles yellowish. Tongue yellow.
12858			♀ ad.	"	135	205	72	51	16.5	22	17	
12859	Dole philippinensis (Gm.)	{Marivelis, Batan Province, Luzon, P.I.	juv.	Aug. 4								
12860	Pardalisparus elegans (Lesson).	"	♂ ad	"								
12861	Pardalisparus " "	"	♀ ad.	"								
12862	Artamus leucogaster (Wagler).	"	– ad.	"								
12863	" " "	"	– ad.	"								
12864	" " "	"	– ad.	"								
12865	Zosterops (aureiloris Grant? meyeni Bonaparte??)	"	ad.	"								
12866	Iyngipicus validirostris Blyth.	"	♀ ad	"								
12867	Cyornis philippinensis Sharpe.	"										
12868	~~Hydrocorax mindanensis~~ Cranorrhinus leucocephalus	{Pantar, Mindanao, P.I.	♂ ad.	Aug. 10	870	1165	375	380	189	57	64	Head, eating? Moro name: Toang-cá-go.
12869	Hydrocorax mindanensis (Temminck).	"	♀ ad.	Aug. 11	760	1150	343	275	150	60	64	Bill cleft on top. Iris yellowish white tinged with blue. Base and horny process of bill scarlet-vermilion. Terminal half of bill horn-color tinged with red and faintly with plumbeous at tip. Feet coral red anteriorly, yellow posteriorly. Claws olive tipped with plumbeous. Skin of belly yellow. Tail saffron.
12870	Cranorrhinus leucocephalus (Vieillot).	"	♂ ad.	"	750	1135	336	270	137	57	64	
12871	" " "	"	♂ ad.	"								
12872	Bolbopsittacus mindanensis	"	♀ ad.	"								
12873	" "	"	♂ ad.	"								
12874	Munia jagori	"	♂ ad.	"								
12875	" "	"	♀ ad.	"								
12876		"	♂ ad.	"								
12877	" "	"	♀ ad.	"								
12878	Centropus javanicus (Dumont).	"	♂ ad.	"								
12879	" " "	"	♀ ad.	"								
12880	" " "	"	♀ ad.	"								

Iris red. Bare skin around eye and behind bill scarlet-vermilion. Bill crimson, horny plates on sides of mandible at base olive brown. Feet black, yellow on under side of toes; claws plumbeous-black. Skin of belly yellow.

12881	Eurystomus orientalis	Pantar, Mindanao, P. I.	
12882	Macropygia tenuirostris	Bonaparte.	"
12883	"	"	"
12884	Dryocopus fulvifasciatus	Hargitt.	"
12885	Dicrurus philippinensis	(Linnaeus).	"
12886	Lanius nasutus	Scopoli.	"
12887	"	"	"
12888	Sarcops calvus		"
12889			"
12890	Dicrurus philippinensis	(Linnaeus).	"
12891	Harpactes ardens	(Temm.).	"
12892	Callocalia fuciphaga	(Thunberg).	"
12893	Rhinomyias rufigauda	(Sharpe).	"
12894	Dicrurus striatus	Tweeddale.	"
12895	Dicrurus philippinensis	(Linnaeus).	"
12896	Hypothymis azurea	(Boddaert).	"
12897	Chrysocolaptes lucidus	(Scopoli).	"
12898	Microscelis montanus		"
12899	Cisticola exilis	(Vig. & Horsf.).	"
12900	Cisticola "	"	"
12901	" "	"	"
12902	Turtur dussumieri	(Temm.).	"
12903	Streptopelia "	"	"
12904	Corone philippina	Bonaparte.	"
12905	" "	"	"
12906	" "	"	"
12907	Anthus rufulus	Vieillot.	"
12908	" "	"	"

♂ ad.	Aug. 11	La-suni (Mono).	
♂ ad.	"		
♀ ad.	"		
ad.	"		
ad.	"		
ad.	"		
♂ ad.	Aug. 13	A mated pair. Nest in hole in tree. Iris yellowish brown. Bare skin of head rosy flesh-color. Bill and feet black.	
♀ ad.	"		
♀ ad	"		
♀ ad.	"		
♀ ad.	"		
♀ ad	"		
♀ ad.	"		
♀	"		
♂ ad.	"		
♂ ad.	"		
ad.	"		
♂ ad.	"		
♀ ad.	"		
♂ ad.	"		
♀ ad.	"		
♂ ad.	Aug. 15	All three killed at one shot. Iris hazel. Bill and feet black.	
♂ ad.	"		
♀ ad.	"		
♀ ad.	Aug. 16 167 264 79 64 146 28 23		
♂ juv.	"		

12909	Anthus rufulus Vieillot.	Pantar, Mindanao, P.I.	
12910	Artamus leucogaster (Wagler).	"	
12911	Merops philippinus	"	
12912	" "	"	
12913	~~Cisticola~~. Munia jagori	"	
12914	Munia jagori	"	
12917	Penelopides affinis Tweeddale.	"	
		"	
12915	Cisticola exilis.	"	
12916	Lanius nasutus Scopoli.	"	
12918	Eurystomas orientalis	"	
12919	Centropus javanicus (Dumont).	"	
12920	Hairyback Macronous montanus	"	
12921	Artamus leucogaster.	"	
12922	" "	"	
12923	Merops philippinus	"	
12924	Artamus leucogaster	"	
12925	Bolbopsittacus mindanensis (Steere).	"	
12926	Amaurornis phoenicura (Forster)	Marahui, Mindanao, P.I.	
		Pantar, Mindanao, P.I.	
		"	
		"	
12927	Eurystomus orientalis	"	
		"	
		"	
		"	
12928	Centropus javanicus (Dumont).	"	
		"	
12929	Rhinomyias ruficauda (Sharpe).	"	

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♂	ad.	Aug. 16								
♂	juv.	"								
♂	ad.	"	302	410	130	150	39	12.2	19.5	Iris red. Bill black. Feet brown-gray.
♂	ad.	"	288	410	131	133	40	13	20	
♂	ad.	"								
♂	ad.	"								
♂	ad.	Aug. 17	594	794	240	227	95	45	49	Iris red. Interramal mandibular and orbital areas greenish white. Bill pale olive, purplish black, and reddish brown. Feet dusky plumbous, yellow on under side of toes.
♂	ad.	Aug. 16								
♂	ad.	"								
♂	ad.	"								
♀	ad.	Aug. 17	290	610	185	111	27	20	32	Iris dark brown, Bill orange-red, slightly tipped darkly black. Feet orange-red. Claws black.
♂	ad.	"	335	420	135	170	23	35	35	
♂	ad.	"	~~###~~ 157	204	63	60	15	23	20	Iris grayish white. Bill dusky plumbeous. Feet and claws plumbeous.
♀	ad.	"	197	400	140	74	19	18	20	
♀	juv.	"								
♀	ad.	Aug. 18	248	395	127	100	35	12	19	
♂	juv.	"								
♂	ad.	"	180	340	105	44	20	15	22	
♂	ad.	Aug 22	318	500	155	68	38	55	64	Bare tibia. 31. Moro name: Bing-eo-noug'. Iris dark red. Frontal processes orange, edged with yellow at base. Bill apple green. Interramal mandibular skin china blue. Tibia (bare part) and tarsus olive-buff. Toes olive-yellow, claws olive-plumbous.
♀	ad.	Aug 22	300	622	183	112	31	20	28	Width of bill at base, 25. Moro name: La-sun'. Iris dark brown. Bill orange-scarlet, slightly tipped with black on maxilla. Thickened, tuberculated skin around eye maroon-bay. Feet dragon's blood red. Claws plumbous-black.
♀	ad.	Aug. 22	400	495	165	210	26	41	39	Moro name: Sah-guó'-zoke. Iris dark hazel. Bill black. Feet and claws plumbeous. Ovipositing.
♂	ad.	Aug. 24								

12930	Hairybacked Mocrorous	Pantar, Mindanao, P. I.									
12931	" "	"									
12932	Halcyon chloris (Boddaert).	"									
12933	Anthus rufulus Vieillot.	"									
12934	Chrysocolaptes lucidus (Scopoli).	"									
12935	Dole philippinensis (Gmelin).	"									
12936	Dicrurus striatus Twerddale.	"									
12937	Merops philippinus	"									
12938	~~Carpophaga~~ carola Ptilocolpa carola Bp.	"									
	The tarsus of this bird measures the same as that of Carpophaga aenea, a much larger bird. Tip of bill white, not yellow, as described.										
12939	Hydrocorax mindanensis (Twerddale).	"									
12940	Hydrocorax mindanensis (Twerddale).	"									
12941	Haliastur intermedius Gurney.	"									
~~12942~~	~~Haliastur intermedius~~										
12942	Hyloterpe	"									
	Smaller than Hyloterpe aperrans, same color except head which is browner.										
12943	Phylloscopus lugubris (Blyth), = Abrornis olivacea	"									
12944	Cisticola cisticola (Temminck).	"									
12945	Hypothymis superciliaris Sharpe.	"									
12946	Artamus leucogaster	"									
12947	~~Oriolus~~ Dole everetti Twerddale	" ?									
12948	Dicrurus striatus	"									
12949	Eurystoma orientalis	"									

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♂ad.	Aug. 24								
♀ad.	"								
♂ad.	"	248	388	106	71	43	16.5	24	
♂ad.	"	170	275	82	65	14.5	29	24	
♂ad.	"	293	465	140	94	38	28	33	
♂ad.	"	235	322	102	102	22.5	18.5	19	
♀ad.	"	270	437	138	118	30	25	25	
♂ad.	"	265	427	136	100	41	14	21	
♀ad.	"	360	645	210	135	20	25	36	There were two of these very handsome Pigeons together. They flew from the ground to the trees, and one escaped. I never saw another. Iris white. Bill wine color tipped with white. Feet vinaceous, flesh color on under side of toes; claws brown.
♀ juv.	"	885	1010	367	350	168	60	68	Height of bill at base, .75. Iris brown. Bill black. Feet dull orange-red; claws olive. Bill black. General color of bird, whitish. =dich.
♀ad.	"	920	1230	390	350	205	62	70	Iris pale ble. General color red=
♀ad.	Aug. 26	520	1350	435	245	24.5	52	46	Cere, 12. Iris hazel. Lore pale yellow. Bill pale plumbeous at base, shading through yellow to white. Feet yellow; claws black. Moro: Dah-ray-o.
♀ad.	"	166	265	83	69	15	20	17	
♀ad.	"								
♂ad.	"								
♂ad.	"	175	247	80	85	10.5	17	13.5	Ma-na-na-reeg (Moro).
♂	"								Moro name: Pah'-poss.
♀ad.	"	262	368	118	112	23	22	21	" " Ko-loo'-yah.
♀ad.	"	Moro name: Kah-tee-tah-goo'-mah.							
♀ad.	"	308	620	185	116	28	20	31.	Moro name: La-sun'.

12950 Harpactes ardens Camp Pantar, Mindanao, P.I.
12951 Thriponax javensis (Horsfield). "
12952 Microstictus fuliginosus Sworddale. "
12953 Chrysocolaptes lucidus (Scopoli). "
12954 Tringoides hypoleucos. Lake Lanao, Mindanao, P.I.
12955 Halcyon chloris Fisher. "
12956 Gallinula chloropus (Linnaeus), "
Moro name: I-r-r-ruck.
12958 Dendrocygna arcuata (Horsfield). "
12957 Gallinula chloropus (Linnaeus), "
12959 Anas luzonica Fraser "
12960 ~~Ardea cinerea~~ Pyrrherodias ~~manillensis~~ (Meyen).

tinged with carmine. Bare part of face yellow. Bill upper surface of feet olive. Claws dusky plumbrous

♀ ad. Aug. 26 330 457 145 174 22 14 25 Moro: Sah-goó'-soke.
♀ ad. " 440 665 212 170 51 33 42 Iris straw-color. Bill plumbeous. black, horn color on most of mandible except at tip. Feet
♂ ad. Aug. 26 326 485 147 120 32 27 34 Iris greenish white. Bill ivory. Feet plumbeous.
♂ ad. Aug. 26 282 458 139 98 39 26 30 Moro: Bah-la-la-took.
♂ ad. Aug. 30 203 355 110 61 25 24 24 Bare tibia, 12. Iris dark brown. Bill olive-gray. Legs and feet greenish olive. Claws plumbeous. Moro: Too-lah-loug.
♂ ad. Aug. 30 254 403 110 75 49 16 25 Moro: Pah-lassí. Iris dark brown. Bill black, white on greater part of mandible. Feet brownish gray, dull yellow under toes.
♂ ad. Aug. 30 390 590 174 75 49* 59 88 Length to end of claws, 540. Middle claw, 16.5. Iris brownish red. Frontal shield and base of bill scarlet vermillion; tip of bill sulphur yellow. Bare tibia and tarsus green-yellow, the former (incompletely) ringed with orange. Toes apple green above, gray below. Claws olive-gray. Joints shaded with gray.
♂ ad. Aug. 30 430 770 196 70 43 50 73 Iris ~~chestnut~~ dark brown. ~~dark brown.~~ Bill plumbeous-black. Tibia and feet dark plumbeous, webs and claws dusky. Moro name: Kah-ging'-knig.
♂ ad. Aug. 30 375 595 117 80 48 55 80 Middle claw, 16. Length, from tip of bill to end of longest claw, 500. Colors like No. 12,956.
♀ ad. Aug. 30 520 825 233 122 — — — Moro name: Jan-ah-joar. Iris chestnut. Bill plumbeous with an olive nail. Feet and claws dusky drab-gray. A delicious table bird. Laying eggs.
♂ ad. Aug. 30 1065 1575 400 160 147 145 153 Bare tibia, 90. Length measured from tip of bill to end of longest claw, 1450. Iris yellow olive above, yellow below. Tarsi and under surface of feet yellow; stomach contained fish. Moro name: Bar-augh'-lah.

* Measured from base of frontal process.

12961	Irena melanochlamys Sharpe	Camp Pantar, Mindanao, P. I.	♀ad. Sept. 1	260 390 123 105 26 19 24 Iris red. Bill, feet, and claws black. Moro name: Cah-tee-tah-goó-mah.
12962	Prinochilus olivaceus Tweeddale.	"	♂ad. "	75 192 58 34 8.5 14 13 Iris ferruginous. Bill with maxilla dusky olive-gray, mandible plumbeous. Feet and claws plumbeous.
12963	Sarcops calvus	"	♀ad. "	290 425 133 75 29 32 33
12964	Dicrurus striatus Tweeddale.	"	♂ad. "	260 422 136 111 28 21 24 } Moro name:
12965	" " "	"	♀ad. "	264 428 138 116 30 22 25 } Cah-ta-ta-goó-mah.
12966	Artamus leucogaster	"	♀ad. "	200 395 135 68 20 20 21.5 Moro: Pah'-poss.
12967	~~Hydrocorax mindanensis~~ Cranorrhinus leucocephalus (Vieillot).	"	♀ad. "	720 1100 333 265 125 54 60 Moro: Toang-Kah'-go. Tail black-and-white. Iris carmine. Bill crimson. Bare skin around eye and at base of mandible orange chrome. Feet black above, dull olivaceous below. Claws plumbeous black.
12968	Hydrocorax mindanensis (Tweeddale).	"	♀ad. "	885 1230 385 364 192 62 74 General color brown. Moro name Cal-aúo. Visayan Calau.
12969	" " "	"	♂ad. Sept. 3	950 1325 410 365 224 70 74. The large, reddish Calao. Iris yellowish.
12970	Carpophaga aenea (L.).	"	♀ad. "	435 778 250 160 25 33.5 44 Moro: Boo-oón'. Iris maroon-purple. Edge of eyelid crimson. Bare skin around eye, and all of bill, plumbeous. Feet heliotrope purple. Claws dusky olive. Voice like a distant locomotive whistle, or that of a great Owl.
12971	Carpophaga aenea (L.).	"	♂ad. "	450 790 255 160 25 35 46 Mate of 12970. do
12972	Centrophus javanicus (Dumont).	"	♂ad. "	Moro name: Sah-goó'-soak. Smaller than female!
12973	Dicrurus striatus Tweeddale.	"	♀ad. "	" " : Cah-ta-ta-goó'-mah.
12974	Hypothymis superciliaris Sharpe.	"	♀ad. "	" " : Kah-lo-gai.
12975	Rhipidoscopus ~~Chaetura olivacea~~	"	sex? "	" " : So-lait.

12976	Cisticola exilis	Camp Pantar, Mindanao, P.I.
12977	Iole philippinensis (Gmelin).	"
12978	Turtur dussumieri (Temm.).	"
12979	Balbopsittacus mindanensis (Steere).	"
12980	Cisticola exilis	"
12981	Iole philippinensis (Gmelin).	"
12982	Centropus javanicus (Dumont).	"
12983	Bubulcus coromandus (Boddaert).	"
12984	Anthus pusillus Vieillot.	"
12985	" " "	"
12986	Hypothymis azurea (Boddaert).	"
12987	Chaetura picina Tweeddale.	"
12988	" " "	"
12989	Pycnonotus goiavier (Scopoli)	"
12990	Arachnothera philippinensis (Steere).	"
12991	" "	"
12992	Arachnothera flammifera Tweeddale.?	"
12993	Balbopsittacus mindanensis (Steere).	"
12994	Circus	"

green. Bill plumbeous at base, black at tip; angle of mouth dark green. Feet yellow; claws plumbeous-black. Moro name: Brung-yit'.

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♀ ad.	Sept. 3	Moro name: Kom-a-sah-by'-e.	
♂ ad.	"	" " : To-lah-long'.	
♀ ad.	Sept. 6		
♂ ad.	"	" " : Kar-ro-see'-see.	
♂ ad.	"	" " : Kom-a-sa-by'-e.	
♂ ad.	"	" " : ~~Sah-gso'-soas~~ To-lah-long.	
♂ ad.	"	" " : Sah-goo'-soak.	
♂ ad.	"	530 920 252 97 61 90 77 Bare tibia, 52. Stomach filled with grasshoppers and beetles. Iris, bare skin of face, and all of bill yellow. Tibia dull yellow. Feet greenish black, except under side of toes which are olive; claws black.	
♂ ad.	Sept. 7	170 270 82 65 15.2 28 23	
♀ ad.	"		Molting badly.
♂ ad.	"		Moro name: Kal-lo-gai'.
(♂?) ad.	"	137 381 163 39 5.7 13 14	Iris dark brown. Bill black.
♀ ad.	"	139 407 175 39 5.8 13 14	Feet plumbeous. Claws brown at base, black at tip.
♂ ad.	"	195 275 82 83 16 21 20	Iris hazel. Bill & feet black. Moro name: O-la'-la.
♂ ad.	"	198 307 99 56 37 21 21	Iris dark brown. Bill black, yellow inside, orange at commissural angle. Elevated fold from angle of mouth to eye, white. Bare skin on side of head livid purplish anteriorly,
♂ ad.	"	194 300 95 51 37 21 20	flesh color posteriorly. Feet brown, yellowish on under side of toes.
♂ ad.	"	136 186 57 40 28 14 13	Iris hazel. Bill black, plumbeous at base of mandible. Feet and claws plumbeous.
♂ ad.	"	180 326 104 42 18.5 13.5 24	Iris dark brown. Bill flesh color tinged with plumbeous above. Feet pale blue above, yellowish below.
♂ ad.	"	450 1030 327 225 15.3 70 40	Iris yellow. Cere apple

12995	Merops pyrrhicephalus	Camp Pantar, Mindanao, P.I.	
12996	Hairy-breasted Barbet. Megalaima macrorhina	"	
12997	" "	"	
12998	Merops philippinus	"	
12999	Hirundo ~~gutturalis~~ rustica Linné.	"	
13000	Batrachostomus	"	
13001	Eulicicapa helianthea (Wallace).	"	
13002	Dicrurus striatus Sweerddale.	"	
13003	" " "	"	
13004	Thriponax javensis (Horsfield).	"	
13005	Artamus leucogaster	"	
13006	Tanygnathus lucionensis (Linnaeus).	"	near Marahui
13007	Haliastur intermedius Gurney.	"	
13008	Hirundo rustica gutturalis (Scopoli).	"	
13009	" "	"	
13010	" "	"	
13011	" "	"	
13012	Circus	"	
13013	Plotus melanogaster	"	
13014	~~Budytes~~ Motacilla melanope Pallas.	"	
13015	" " " "	"	

1903 Sept. 7	♀ ad.	370	523	178	182	14	23	30	Moro: Ma-ca-da-dug'.
♀ ad. Sept. 7	Moro name: Jar-nan'-of.								
♀ ad. Sept. 9		149	195	63	60	15	18	18	Moro: Jar-nan'-of.
♂ (ad.?)	"	263	420	132	105	40	14	20	Iris red.
♀ ad.	"	162	312	118	78	8.5	10	15	
♀ ad.	"	272	547	212	126	24.5	19	25	Iris drab. Bill horn color shaded with olive. Feet and claws flesh color. Note resembles that of the Whippoorwill.
♂ ad.	"	126	185	57	53	10	15	11.5	
♀ ad.	"	263	420	140	118	29	20	23	
♀ ad.	"								Moulting badly.
♀ ad. Sept. 16		444	650	220	193	49	35	44	Iris straw color.
♂ ad. Sept. 19		204	402	75	21	19	20.5		
♂ ad. Sept. 20		328	600	196	123	35	20	32	Depth of bill, 38.
♀ ad.	"	545	1380	420	245	26	60	50	Culmen and cere, 36.
♀ ad.	"								Killed at one shot on telegraph-wire.
♂ ad.	"								
♂ ad.	"								
♂ ad.	"								
♀ ad. Sept. 22		510	1145	365	233	17.5	80	48	Iris yellow. Cere greenish yellow. Bill plumbeous at base, black at tip. Feet yellow; claws black. Shot by Trumpeter?
♂ ad. Sept. 22		940	1235	330	265	84	45	80	Iris brown. Bill dusky olive above, orange-yellow below. Tarsi grayish; feet and claws dusky. Testicles enlarged. Six (6) fish in stomach, preserved.
♂ ad. Sept. 23		200	262	85	103	14	22	18	Iris dark brown.
♀ ad.	"	200	264	88	102	13	22	18.5	Bill black, plumbeous at base of mandible. Feet and claws, brown.

13016	Aythya rufulus Veillot.	Camp Pantar, Mindanao, P.I.	
13017	Lanius nasutus Scopoli.	"	
13018	~~Budytes~~ Motacilla melanope Pallas.	"	
13019	Phylloscopus - Abrornis olivaceus	"	
13020	" " "	"	
13021	Æthopyga bella?	"	
13022	Arachnothera?	"	
13023	Hypothymis azurea (Boddaert).	"	
13024	Zosterops basilanica Steere.	"	
13025	~~Budytes~~ Motacilla melanope Pallas.	"	
13026	Microhierax Ogilvie Grant meridionalis	Malaling Falls, Mindanao, P.I.	
13027	Microstictus fuliginosus Tweeddale.	"	
13028	Merops bicolor	Between camp No. 7 and Malaling Falls, Mindanao, P.I.	
13029	" "	"	
13030	Macropteryx comata.	"	
13031	Halcyon gularis (Kuhl).	Malabang, Mindanao, P.I.	
13032	Pycnonotus goiavier	"	
13033	Actitis hypoleucos	"	
13034	Cisticola exilis.	"	
13035	Hirundo javanica Sparrman.	"	
13036	Lanius lucionensis Linnæus.	"	
13037	Artamus leucogaster	"	

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♂ ad.	Sept. 23	175	274	84	67	14.5	29	23	
♂ ad.	Sept. 25	256	305	97	137	17	27	25	
♀ ad.	"	194	255	83	98	12	20	16	
♀ juv.	"								Parent, No. 13020.
♀ ad.	"	128	184	55	50	12	18	13	Parent of No. 13019.
♀ ad.	"	80	133	40	22	12	13.5	11	
♀ ad.	"	115	171	54	37	18	15	13	
♀ ad.	Sept. 26	159	210	65	71	11.7	16	12	Iris dark brown. Bill black. Feet blue.
♂ ad.	"	117	181	56	45	11	15	12	Iris brown. Bill black, plumbrous at base of mandible. Feet plumbrous.
♀ ad.	"	187	259	83	92	12.5	21	17	Iris brown. Bill dusky plumbrous, fleshy at base of mandible. Feet and claws brown.
ad.	Sept. 29	202	390	120	84	14	25	26	Iris hazel. Bill black. Feet plumbrous-black.
♂? ad.	"	322	490	152	115	35	28	33	Iris yellowish white. Feet greenish gray, yellowish below. Bill ivory.
♂ ad.	Oct. 6								Shot in a grove of needle-trees
♀ ad.	"								
♂ ad.	"								Shot on telephone-wire.
♂ ad.	Oct. 7								Very tenacious of life.
♂ ad.	"								
♀ ad.	"								
♂ imm. ad.	"								
♂	"								
♂	"								
ad.	"								

/3038	Bubulcus coromandus (Bodd.)	Zamboanga, Mindanao, P.I.	♂ ad.	1903 Oct. 14
/3039	Sturnia philippensis (J.R. Forster).	"	♂ (ad.?)	"
/3040	Rhipidura nigritorquis Vigors.	"	♀ ad.	"
/3041	" " "	"	♀ ad.	"
/3042	" " "	"	♀ ad.	"
/3043	Lalage terat	"		"
/3044	(= L. dominica).	"	♀	"
/3045	Lamis lucionensis Linnaeus.	"	♂	"
/3046	" " "	"	♀ ad.	"
/3047	" " "	"	♂	"
/3048	Lalage terat = L. dominica (Müller).	"	♂	"
/3049	" " " " "	"	♀?	"
/3050	Calornis panayensis	"	♂ juv.	" Iris brownish yellow.
/3051	Lamprocorax panayensis (Scopoli).	"	♂ juv.	" Iris red.
/3052	" "	"	♂ ad.	"
/3053	" "	"	♀ ad.	" "
/3054	Budytes flavus leucostriatus (Homeyer).	"	♀	"
~~/3054~~		"		"
/3055	Halcyon chloris (Boddaert).	"	♂ ad.	"
/3056	Merops philippinus	"	♂	"
/3057	Cinnyris jugularis	"	♀?	"
/3058	Gerygone rhizophorae new species.	"	♀ ad.	"
/3059	" " Type. (190097 ♂)	"	♂ ad.	"
/3060	" "	"	♀ ad.	"
/3061	" "	"	♀ ad.	"
/3062	Pycnonotus goiavier	"	♀ ad.	" ♂? See orig. entry
/3063	" "	"	♀ ad.	" ♂? "
/3064	Anthus rufulus Vieillot.	"	♀ ad.	"

/3065	Anthus rufulus Vieillot.	Zamboanga, Mindanao, P. I.	♂ ad.	1903 Oct. 14	
/3066	Pycnonotus goiavier	"	♀ ad.	"	
/3067	Lalage dominica (Müller).	"	♀ ad.	"	
/3068	Aegialitis peroni (Bonaparte).	Malabang, Mindanao, P. I.	♂ ad.	Oct. 18	
/3069	Octhodromus jeoffroyi (Wagler).	"	♀	"	Iris brown.
/3070	Caprimulgus affinis mindanensis	"	♂ ad.	"	Flock in thicket at mouth of river.
/3071	" " " Type.	"	♂ ad.	"	
/3072	Turtur dussumieri (Tem.).	"	♀ ad.	"	
/3073	Lamins luconensis Linnæus.	"	♂ ad.	"	Iris brown.
/3074	Actitis Tringoides hypoleucos (Linnæus).	"	♂ ad.	"	
/3075	Anthus rufulus Vieillot	Parang, Mindanao, P. I.	♀ ad.	"	
/3076	Mirafra philippinensis Wardlow-Ramsay.	"	♀ ad.	"	
/3077	" " "	"	♀ ad.	"	
/3078	" " "	"	♂	"	
/3079	" " "	"	♂ ad.	"	
/3080	" " "	"	♀	"	
/3081	Cisticola cisticola (Temminck).	"	sex?	"	
/3082	Hirundo rustica gutturalis (Scopoli).	Reina Regente, Rio Grande Valley, Mindanao, P. I.	— ad.	"	
/3083	Merops philippinus		♀ ad.	Oct. 19.	Moro name: Pee-lee-cah'.
/3084	Eurystomus orientalis	Baganga, Mindanao, P. I.	♂ ad.	Oct. 22	
/3085	Halcyon chloris (Boddaert).	"	♀ ad.	"	
/3086	" " "	"	♂ ad.	"	
/3087	Macropteryx comata (Temm.).	"	♀ ad.	"	
/3088	Calornis panayensis	"	♀ juv.	"	
/3089	" "	"	♂ juv.	"	
/3090	Cinnyris jugularis	Manay, Mindanao, P. I.	♂ ad.	Oct. 23	
/3091	Alcedo ispida Linnæus.	"	♂ ad.	"	
/3092	Pelargopsis gigantea Walden.	"	♀ ad.	"	

/3093	Butorides javanica (Horsfield).	Manay, Mindanao, P. I.	1903 ♀ ad.	Oct. 23								
/3094	Tringoides hypoleucos (Linné).	"	♂ ad.	"								
/3095	Alcedo ispida Linnaeus.	Mati, Mindanao, P. I.	♀ ad.	"								
/3096	Arenaria interpres	"	♀ ad.	"								
/3097	Numenius variegatus (Scopoli).	"	♂ ad.	"								
/3098	Sterna bergii Lichtenstein.	"	♀ ad.	"								
/3099	" " "	"	♀ ad.	"								
/3100	Hypothymis azurea (Boddaert).	Davao, Mindanao, P. I.	♂ ad.	Oct. 24								
/3101	Numenius variegatus (Scopoli).	"	♀ ad.	"								
/3102	Osmotreron axillaris (Bonap.).	Malinjam, Mindanao, P. I.	♀ ad.	Oct. 25	Iris pale blue. Had just ovipositied.							
/3103	Culicicapa helianthea (Wallace).	Malaling Falls, Mindanao, P. I.	♂ ad.	Sept. 29	130	195	61	54	7	13	12	
/3104	Orthotomus magnirostris	Bula, Sarangani Bay, Mindanao, P. I.	♂ ad.	Oct. 26.	Stomach contained crabs and mollusk shells.							
/3105	Charadrius dominicus fulvus (Gmelin).	"	♀ ad.	"								
/3106	" " " " "		♀ ad.	"								
/3107	Rhipidura nigritorquis	"	♂ ad.	"								
/3108	Limonites ruficollis (Pallas).	"	♀ ad.	"								
/3109	Alcedo ispida Linnaeus.	"	♀ ad.	"								
/3110	Pelargopsis gigantea Walden	Makar, Sarangani Bay, Mindanao, P. I.	♂ ad.	"								
/3111	Limonites ruficollis (Pallas).	"	♂ ad.	"								
/3112	" " "	"	♀ ad.	"								
/3113	" " "	"	♀ ad.	"								
/3114	Lanius lucionensis Linnaeus.	"	♂ ad.	"								
/3115	" " "	"	♂ ad.	"								
/3116	Osmotreron vernans (Linn.).	Glan, Mindanao, P. I.	♀ ad.	"								
/3117	" " "	"	♂ ad.	"								
/3118	Chalcophaps indica (Linné).	"	♂ ad.	"								
/3119	Oriolus chinensis Linnaeus.	"	♂ ad.	"								
/3120	Butorides javanica (Horsfield).	"	♀ ad.	"								

Cagunok' — Moro of Zamboanga
Pal-an-took' Visayan "

Abundant at Malaling Falls and Pantar. Specimen destroyed.

Shot by Capt. McCay.

} Sexes slightly in doubt.

} Iris yellow. Core greenish olive. Bill pale bluish gray. Feet viriaceous; claws brown. Crop filled with soft fruits.

Shot by Gerl Wood. Crop filled with seeds.

13121	Halcyon chloris (Boddaert).	Glan, Mindanao, P. I.	
13122	Excalfactoria lineata (Scopoli).	Ramain River, Lake Lanao, Mindanao, P. I.	
13123	Cacatua haematuropygia	Siet Lake, Sulu Id., Mindanao, P.I.	
13124	Tanygnathus ~~bucconensis~~ burbidgei.	Panglima Hassan's residence, Island of Sulu, P.I.	
13125	Corone philippina Bonap.	do	
13126	Halcyon chloris (Boddaert).	do	
13127	" " "	do	
13128	Cacatua haematuropygia	Opan's residence, Island of Sulu, P. I.	do
13129	" "		
13130	"		
13131	Spilornis holospilus (Vigors).	Barula's Kampings residence, near Panglima Hassan's, Sulu, P. I.	do
13132	Tanygnathus bucconensis		do
13133	Carpophaga aenea (Linné).		do
13134	Myristicivora bicolor (Scopoli).	Crater Lake, Sulu Id., P. I.	
13135	Demiegretta sacra (Gmelin).	Beach near Siet Lake, island of Sulu, P. I.	
13136	Sarcops calvus	Taglibi, Sulu Id., P. I.	
13137	Cacatua haematuropygia.		do
13138	Anthothreptes chlorigaster	Jolo, Sulu Island, P. I.	
13139	Rhipidura nigritorquis Vigors.		do
13140	Tanygnathus ~~burbidgei~~ bucconensis		do
13141	Turnix suluensis mearns.		do Type.
13142	Centropus javanicus (Dumont).		do
13143	Osmotreron vernans (Linné).		do
13144	Charadrius dominicus fulvus (Gmelin)		do
13145	Sterna bergii Lichtensteini.	Island of Pata, off Sulu Id, P. I.	
13146	" "		do
13147	Heteractitis brevipes Vieillot.		do
13148	Demiegretta sacra (Gmelin).		do

♀ ad.	Oct. 26		
♀ ad?	Nov. 6	~~It Haliaetus~~ seemed different from the Luzon Sea Eagle of Zamboanga	
♀ ad.	Nov. 12		Shot by Capt. McCoy.
♂ ad.	Nov. 13		" " General Leonard Wood.
♂ ad.	"		
♂ ad.	"		
♀ ad.	"		
♂ ad.	"		Shot by Major General Leonard Wood.
♂ ad.	Nov. 14		do
♀ ad.	"		do
♀ ad.	Nov. 17	This bird is rather small and unusually dark — in fresh plumage.	
♀ ad.	"		
♂ ad.	"		Flesh excellent food.
♀ ad.	Nov. 18	Iris dark hazel. Bare skin around eye plumbeous. Bill pale bluish gray tipped with black. Feet bluish gray; claws plumbeous - black, with under surface of toes stained with wood color. Shot by Contract Surgeon J no W. Hicks with 45 caliber revolver.	
♀ ad.	"		
♂ ad.	Nov. 19		It uttered a sweet note.
♂ ad.	"		
♂ ad.	Nov. 25		Abundant in cocoanut palms.
♂ ad.	"		
♀ ad.	"		
♀ ad.	"		
♀ ad.	"		
♀ ad.	"		
♂ ad.	"		
♂ ad.	"		Shot by General Leonard Wood.
♀ ad.	"		do
♂ ad.	"		do
♀ ad.	"	Aviposition.	do

13149	Octhodromus joffroy	Island of Pata, off Sulu Island, P.I.	1903 ♂ ad.	Nov. 25
13150	Amaurornis phoenicura (Forster)	Jolo, Sulu Island, P.I.	♂ ad.	Nov. 26
13151	Circus	do	♀ ad.	"
13152	Rostratula capensis (Linn.)	Zamboanga Mindanao P.I.	♂	Dec. 2.
13153	Ardetta cinnamomea	do	♂ ad.	"
13154	" "	do	♂ juv.	"
13155	Rhyacophilus glareola (Gmelin).	do	♀ ad.	"
13156	Merops philippinus	do	♀ ad.	Dec. 7
13157	" "	do	♀	"
13158	Budytes flavus leucostriatus (Homeyer).	do	♂	"
13159	" " " "	do	♀	"
13160	Calornis panayensis	do	♂ juv.	"
13161	Alcedo ispida Linnaeus.	Santa Cruz I., Davao, do	(♀?)	Dec. 5
13162	Heteractitis brevipes	Pangutungan Island, Western Mindanao, P.I.	♂ ad.	Dec. 11
13163	Gerygone rhizophorae	do	♀ ad.	"
13164	Lalage terat = dominica (Müller).	do	♂ ad.	"
13165	Pycnonotus goiavier	do	♀ ad.	"
13166	" "	do	♂ juv.	"
13167	Elanus hypoleucus Gould.	Zamboanga, Mindanao, P.I.	♀ ad.	Dec. 14. Iris light orange-red. Feet lemon-yellow. Crop contained one large lizard in several pieces, hair and bones of a small mammal (skull preserved).
13168	Acrocephalus orientalis (Temm. & Schl.).	do	♀ ad.	Dec. 17
13169	Totanus totanus eurhinus Oberholser.	do	♀ ad.	"
13170	Limonites minuta (Leisler).	do	♂ ad.	"
13171	Limonites damacensis Horsfield.	do	♂ ad.	"
13172	" " "	do	♂ ad.	"
13173	Gallinago megala Swinhoe.	do	♂ ad.	"
13174	Gallinago gallinago (Linnaeus)	do	♂ ad.	"

Shot by General Leonard Wood.
do
do
Shot by General Leonard Wood.
do
Middle tail-feathers elongated.
" " not "

				1903	
13175	Othodromus mongolus	Zamboanga, Mindanao, P.I.	♂ ad	Dec. 17	
13176	Merops philippinus	do	♂ ad.	"	} a pair.
13177	" "	do	♀ ad	"	
13178	" "	do	♂ ad.	"	
13179	Limonites damacensis Horsfield.	do	♀ ad.	"	
13180	Limonites ruficollis (Pallas).	do	♀ ad.	"	
13181	" " " "	do	♂ ad.	"	
13182	" " " "	do	♀ ad.	"	
13183	" " " "	do	♂ ad.	"	
13184	Rhyacophilus glareola (Gmelin).	do	♂ ad.	"	
13185	Porphyrio pulverulentus	Mercedes, Mindanao, P.I.	♂ ad.	Dec. 20	
13186	" "	do	♀ ad.	"	
13187	" "	do	♀ ad.	"	
13188	~~Cuculus~~ Cacomantis merulinus (Scopoli).	do	- ad.	"	} Stomachs filled with fish and fiddler crabs.
13189	Nycticorax manillensis Vigors.	do	♂ im.	"	
13190	" " "	do	♀ ad.	"	
13191	Ardetta ? flavicollis	do.	♀ ad.	Dec. 19	
13192	Alcedo ispida Linnaeus.	do	♂ juv.	"	
13193	Artamus leucogaster	Island of Pangapuyan, east of Zamboanga, Mindanao, P.I.	♀ ad.	"	
13194	Elanus hypoleucus Gould.	Mercedes, Mindanao P.I.	♂ ad.	Dec. 20	Stomach empty.
13195	Calornis panayensis	Island of Pangapuyan, east of Zamboanga, Mindanao, P.I.	♂ ad.	Dec. 19	
13196	Collocalia fuciphaga (Thunberg).	Mercedes Mindanao, P.I.	♂ ad.	"	
13197	Osmotreron vernans.	Island of Pangapuyan, east of Zamboanga, Mindanao, P.I.	♂ ad.	"	
13198	Ardetta cinnamomea	Zamboanga, Mindanao, P.I.	?	Dec. 22	
13199	Rostrotula capensis (L.).	do	♀ ad.	"	
13200	Limonites damacensis Horsfield.	do	♂ ad.	Dec. 23	
13201	Othodromus mongolus (Pallas).	do	♀ ad.	"	
13202	Rhyacophilus glareola (Gmelin).	do	♀ ad.	"	

				1903	
13203	Rhyacophilus glareola (Gm.)	Zamboanga, Mindanao, P.I.	♂	ad. Dec. 23	
13204	" "	do	♂	ad. "	
13205	Anthus rufulus Vieillot.	do	♂	ad. "	
13206	Ardetta cinnamomea	do	♀	ad. Dec. 25	
13207	" "	do	♀	ad. "	
13208	Oriolus chinensis L.	do	♂	ad. Dec. 31	
13209	Cinnyris jugularis	do	♂	ad "	
13210	Chrysocolaptes lucidus (Scopoli).	do	♂	ad.	
13211	Oriolus chinensis L.	do	♂	ad. 1904 Jan. 1	
13212	Gallinago gallinago (Linnaeus).	do	♂	ad. "	
13213	Haliastur intermedius Gurney.	do	♀	ad. "	Had oviposited all but the last egg.
13214	Gallirex cinerea (Gmelin).	do	♀	ad. Jan. 4	Laying.
13215	" " "	do	♀	ad. "	Laying.
13216	Ardetta cinnamomea	do	♂	ad. "	
13217	Acrocephalus orientalis (Temm. & Schl.)	do	♂	ad. "	
13218	Munia oryzivora	do	♂	ad. "	
13219	" "	do	♂	ad. "	
13220	" "	do	♂	ad. "	
13221	Lanius lucionensis Linn.	do	♂	ad. "	
13222	Eurylaimus orientalis	do	♀	ad. Jan. 5	
13223	Pycnonotus goiavier	do	♂	ad. "	
13224	" "	do	♀	ad. "	
13225	Strix candida Tickell.	do	—	ad.	Shot and skinned by the Practicante who keeps the Filipino drug-store at Zamboanga.
13226	Dendrocygna arcuata (Horsfield).	do	♂	ad. Jan. 11	This and the next were sent me by Major-General Leonard Wood, commanding the Department of Mindanao. Filipino name Pata del monte, another species of Dendrocygna being "Pata de marina." — ♂ — Slate-black tinged with olivr, plumbeous at base and around nail. Feet plumbeous, with slate-gray webs; claws plumbeous-black. — — 435 750 187 70 45 (chord) 50 73. Iris dark brown. Bill

/3227	Porphyrio pulverulentus	Zamboanga, Mindanao, P.I.	1904 Jan. 11	♂ ad.	445	800	243	102	75*	94	110	Height of bill at base, 32. Iris coral red. Bill mottled, varying from white and orange-vermillion to maroon. Legs and feet vinaceous; claws olivr.
/3228	Eudynamis mindanensis	do	Jan. 13	♂ ad.	Shot by Capt. Dorey, U.S.A. Iris red. Bill greenish horn color. Feet plumbeous; claws dusky.							
/3229	Gallicrex cinerea (Gmelin).	do	♀ ad.	Jan. 13								
/3230	Totanus totanus eurhinus Oberholser.	do	♂ ad.	"								
/3231	Cinnyris jugularis	do	♀ ad.	"								
/3232	Halcyon chloris (Boddaert).	do	—? ad.	"								
/3233	Budytes flavus leucostriatus (Homeyer).	do	—? ad.	"								
/3234	" " " "	do	—? ad.	"								
/3235	Munia jagori	do	♂ ad.	"								
/3236	" "	do	♂ juv.	"								
/3237	Limonites damascensis Horsfield.	do	♀ ad.	"								
/3238	Limonites ruficollis (Pallas).	do	♂ ad.	"								
/3239	" " "	do	♂ ad.	"								
/3240	" " "	do	♀ ad.	"								
/3241	" " "	do	♂ ad.	"								
/3242	Plumed Heron, white	do	♂ ad.	Jan. 15	660	1060	285	100	90	110	76	Length to end of claws, 880; bare tibia, 70. Stomach contained shrimp.
/3243	Totanus totanus eurhinus.	Zamboanga, Mindanao, P.I.	♂ ad.	Jan. 15	280	500	152	65	40	45	33	Iris dark brown. Bill black, tinged with tawny at base. Legs and feet tawny; claws black.

Iris straw yellow. Bare skin of face sulphur yellow; tinged with plumbeous behind eyes and around base of maxilla. Bill black, flesh color on basal half of mandible inferiorly, a black commissural line bordering the entire upper edge of mandible. Legs, tarsi, and claws, plumbeous-black; toes olive-yellow. Shot in a mangrove swamp, where it was alone. Plumage all white. Dorsal and pectoral plumes well developed.

* Chord of culmen measured from base of frontal plate.

						1904									
13244	Ægialitis dubia (Scopoli).	Zamboanga, Mindanao, P.I.	♀ ad.	Jan. 15	186	373	119	70	14	25.5	19	Iris dark brown. Naked eye-ring, extreme base of mandible, legs, and feet orange-buff; rest of bill and claws, black.
13245	" " "	do	♀ ad.	"	182	384	122	66	13	24.5	20	Colors as above.
13246	Rhyacophilus glareola (Gmelin).	do	♂ ad.	"								
13247	Limonites damacensis Horsfield.	do	♂ ad.	"								
13248	Limonites ruficollis (Pallas).	do	♂ ad.	"								
13249	" " " "	do	♂ ad.	"								
13250	Ardetta cinnamomea.	do	♀ juv.	"								
13251	Munia oryzivora	do	♀ ad.	"								
13252	Budytes flavus lineostriatus (Homeyer).	do	♂ ad.	"								
13253	Anthus rufulus Vieillot.	do	♂ ad.	"								
13254	Centropus viridis (Scopoli).	do	♂ ad.	Jan. 18	420	475	158	240	29	42	42.5	Iris red. Bill and feet plumbeous-black.
13255	Osmotreron vernans (Linné).	do	♂ ad.	"	298	480	154	108	15.8	25	31	This and the next were a pair, killed at the same shot. Soft parts colored alike. Iris yellowish pink. Feet vinaceous with claws plumbeous. Bill bluish gray, greenish yellow at base.
13256	Osmotreron vernans (Linné).	do	♀ ad.	"	284	475	152	104	17.	24	30	Colors of soft parts as above.
13257	Halcyon chloris (Boddaert).	do	♂ ad.	"	256	400	110	77	50	15.5	25.5	Iris grayish brown. Bill plumbeous-black, broadly flesh color at base of mandible. Feet purplish gray, yellowish on under sides of toes.
13258	Lanius lucionensis Linn.	do	♂ ad.	"								
13259	Lalage dominica (Müller).	do	♀ ad.	"								
13260	Gerygone rhizophoræ	do	♀ ad.	"								
13261	Rhipidura nigritorquis	do	♂ ad.	"								Fan-tailed Flycatcher.

/3262	Cinnyris?	{Island of Basilan, P.I. (Near Isabella).			
/3263	Poliolophus urostictus	do			
/3264	Monticola solitaria (Müller).	do			
/3265	Chrysocolaptes lucida (Scopoli).	do			
/3266	Merops philippinus	do			
/3267	Iole rufigularis Sharpe.	do			
/3268	Orzolus chinensis Linné.	Zamboanga, Mindanao P.I.			
/3269	Lalage terat = dominica (Müller).	do			
/3270	~~Callocalia fuciphaga (Thunberg).~~	~~do~~			
/3271	Lanius lucionensis Linnaeus.	do			
/3272	Eurystomus orientalis	do			
/3273	Oriolus chinensis Linné.	do			
/3274	Ardetta cinnamomea	do			
/3275	Cinnyris jugularis	do			
/3276	" "	do			
/3277	" "	do			
/3278	" "	do			
/3279	" "	do			
/3280	Artamus leucogaster	do			
/3281	" "	do			
/3282	Lanius lucionensis Linnaeus.	do			
/3283	Calornis panayensis	do			
/3284	" "	do			
/3285	Rhipidura nigritorquis Vigors.	do			
/3286	Centropus viridis (Scopoli)?	do			
/3287	Halcyon chloris (Boddaert).	do			
/3288	Pycnonotus goiavier.	do			
/3289	" "	do			

	1904		
♀ ad.	Jan. 18	{Naked eye-ring yellow. Iris grayish. Bill plumbous-black. Feet plumbous, under side of toes yellowish.	
♀ ad.	"		
♀ ad.	"		
♂ ad.	"		
♂ ad.	"		
♂ ad.	"	Moro name Beag'-pee-tow'.	
♀ ad.	Jan. 21		
♂ ad.	"		
♀ ad.	"		
♂ ad.	"		
♀ ad.	Jan. 22		
♀ ad.	"		
ad.	"		
♂ ad.	Jan. 24		
♂ ad.	"		
♂ ad.	"		
♂ juv.	"		
♂ juv.	"		
♀ ad.	"		
♀ ad.	"		
♀ ad.	"		
♂ ad.	"		
♀ ad.	"		
♀ ad.	"		
♂ ad.	"		
♂ ad.	"		
♂ ad.	"		
♀	"		

/3290	Pycnonotus goiavier.	Zamboanga, Mindanao, P. I.	
/3291	" "	do	
/3292	Tanygnathus luconensis	Island of Basilan, off Mindanao, P. I.	
/3293	Dicaeum hypoleucum Sharpe or D. mundanense (Twerddale)	do	
/3294	Tanygnathus luconensis	do	
/3295	Eurystomus orientalis.	do	
/3296	" "	do	
/3297	Merops philippinus.	do	
/3298	Centropus melanops Lesson.	do	
/3299	Spiloneax javensis (Horsfield).	do	
/3300	Centropus melanops	do	
/3301	Tanygnathus luconensis	do	
/3302	Circus	do	
/3303	Centropus melanops	do	
/3304	Macronous striaticeps Sharpe.	do	
/3305	Hypothymis superciliaris Sharpe.	do	
/3306	" " "	do	
/3307	Sterna bergii Lichtenstein	Near do	
/3308	Chrysocolaptes lucidus	Subano village of Bung-Bung, S. Mindanao, P. I.	
/3309	Oriolus chinensis L.	~~Cabasaran, a Subano village 4 miles up the Cabasaran River, Mindanao, P. I.~~ Cabasaran, a Subano village 4 miles up the Cabasaran River, S. Mindanao, P. I.	
/3310	" " "		
/3311	Eurystomus orientalis	do	
/3312	Osmotreron axillaris (Bonaparte).	do	
/3313	Excalfactoria lineata (Scopoli).	Bulwan, Mindanao, P. I.	
/3314	Haliastur intermedius	Island of Bulwan, off S. Mindanao, P. I.	

	1904		
♂	Jan. 24		
♀	"		
♂ ad.	Jan. 26		
♂ ad.	"	Iris grayish. Bill black, orange at base below. Feet and claws dusky, plumbeous (=brown) (claws)	
♀ ad.	"	Iris straw color. Bill red. Feet greenish olive, with dusky-plumbeous	
♀ ad.	"		
♂ ad.	"		
♂ ad.	"		
♀ ad.	"	Iris dark red. Bill black. Feet and claws plumbeous.	
♀ ad.	"	Sun-boo-la'-ta. Moro.	
♂ ad.	"		
♂ ad.	"		
♀ ad.	"	Stomach contained a small rat, whose skull was preserved in formalin.	
♀ ad.	"		
♂ ad.	"		
♂ ad.	"		
♀ ad.	"		
♂ im.	Jan. 28	467 1040 321 155-60 29 34. Iris dark brown. Bill greenish yellow. Feet purplish black, claws blackish except hind claw which is flesh color. Shot by Master Thomas Nimmons Powell.	
♀ ad.	Jan. 29.		
♂ ad.	Jan. 30		
♂ ad.	"		
♂ ad.	"		
♂ ad.	"	Iris straw yellow. Bill red at base, blue at tip.	
♀ ad.	Jan. 31	Moro name: Po'-go.	
♂ ad.	Feb. 1	Sat beside a nest in a tree. Stomach empty.	

/3315	Rhipidura nigritorquis.	Island of Bulwan off S. Mindanao, P.I.	
/3316	Cinnyris jugularis		do
/3317	" "		do
/3318	Lanius lucionensis	Linnaeus.	do
/3319	Artamus leucogaster	Island of Banga, off Southern Mindanao, P.I.	
/3320	Calornis panayensis		
/3321	" "		do
/3322	Totanus totanus curhinus.	Zamboanga, Mindanao, P.I.	
/3323	Tringoides hypoleucos (Linnaeus).		do
/3324	Loriculus apicalis Souance.	Dipulog, N. Mindanao, P.I.	
/3325	" " "		do
/3326	" " "		do
/3327	" " "		do
/3328	" " "		do
/3329	" " "		do
/3330	" " "		do
/3331	Cinnyris jugularis		do
/3332	Oriolus chinensis L.	Lubungan, Mindanao, P.I.	
/3333	Lanius nasutus Scopoli.	Iligan, N. Mindanao, P.I.	
/3334	Egialitis dubia (Scopoli).		do
/3335	" " "		do
/3336	Cacatua haematuropygia	Mucas, N. Mindanao, P.I.	
/3337	" "		do
/3338	Prioniturus discurus (Vieillot).		do
/3339	Butorides javanica (Horsfield).		do
/3340	Merops bicolor		do

		1904							
♂ ad.	Febr. 1								
♂ ad.	"								
♂ ad.	"								
♀ ad.	"								
♀ ad.	"								
♂ ad.	"								
♀ ad.	"								
♂ ad.	Feb. 11	300	540	163	70	50	52	32	Iris dark brown. Base of bill orange, terminal (about) two-thirds black. Legs and feet orange; claws plumbrous-black.
♂ ad.	"	213	354	111	64	27	27	25	
♂ ad.	Febr. 14								
♂ ad.	"								
♂ im.	"								
♀ ad.	"								
♀ ad.	"								
♀ ad.	"								
♀ ad.	"								
♀ ad.	"								
♀ ad.	"								
♂ ad.	Feb. 15	260	310	98	142	17	28	25	
♀ ad.	"	175	357	116	65	16	28	20	Iris dark brown. Bill black, shading to orange at base on sides and mandible. Legs and feet flesh color; claws dusky.
♀ ad.	"	172	365	117	62	14.5	27	19	
♀ ad.	Feb. 16								
♀ ad.	"								
♀ ad.	"								
♀ ad.	"								
♂ ad.	"								

Bill red. Feet yellow, with black claws.

Black-capped.

Ovipositing.

13341	Pelargopsis gigantea	Mucas, N. Mindanao, P.I.	
13342	Eurystomus orientalis	"	do
13343	do	"	do
13344	Macronous mindanensis	"	do
13345	Dicrurus striatus Sweedd.	"	do
13346	Demiegretta sacra (Gmelin).	Santa María W.	do
13347	Strix candida Tickell	Zamboanga, Mindanao P.I.	
13348	Danygnathus lucionensis.	Capt's Residence, Island of Sulu, P.I.	Bill red.
13349	" "		do
13350	" "		do
13351	Cacatua haemoturopygia		do
13352	Carpophaga aenea (Linné).		do
13353	Ixingoides hypoleucus (Linné).		do
13354	Lanius suluensis		do
13355	" " "	Type.	do
13356	Centropus sinensis (Stephens).		do
13357	Elanus hypoleucus Gould.		do
13358	~~Carpophaga~~ Muscadivora Longhorni Pickeringi (Cassin)	West Bolod Island, P.I.	

Bay-wing Pigeon.

♂ ad.	1904 Feb. 16		
♀ ad.	"		
♂	"		
♂ ad.	"		
♂ ad.	"		
♀ ad.	Feb. 16	625 1060 287 101 81 80 65	Iris yellow. Bill olivaceous horn-color, dusky at base of ~~mandible~~ maxilla. Legs and feet pale greenish olive, yellow on heel and under sides of toes.
♀	Feb. 17	410 1220 365 134 cult. cere 40 86 58	Chord of culmen and cere taken together, 40; cere, 18.5; culmen (chord), 26.5.
♂ ad.	Feb. 21		Stomach contained only some short mammal hair.
♂ ad.	"		
♀ ad.	"		
♂ ad.	"		
♂ ad.	"		
♂ ad.	"		
♂ ad.	"		
♂ ad.	"		
♂ ad.	"		Stomach crammed with grasshoppers, Katydids, etc.
♂ juv.	"		Stomach contained a small lizard, and another so large that it filled the crop while the tip of the tail protruded from the mouth. Genl. Wood.
♂ ad.	"	456 770 242 180 19 30 48	Iris purplish red. Cere dark plumbeous. Bill light plumbeous. Eyelid deep vinaceous. Bare space around eye plumbeous. Feet vinaceous, flesh color on under side of toes; claws plumbeous. Feathers around vent pale brown. Food, yellow berries the size of large peas.

13359	*Muscadivora longhornei*	West Bolod Island, P. I.	
13360	~~*Dasyptilus pecketorii*~~ *Muscadivora longhornei*	do	
13361	*Myristicivora bicolor* (Scopoli).	do	
13362	*Columba griseigularis* (Walden & Layard).	do	
13363	*Columba griseigularis* (Walden & Layard).	do	
13364	*Amaurornis phoenicura*.	Cagayan Sulu Id., P. I.	
13365	*Calornis panayensis*	do	
13366	*Munia jagori*	do	
13367	*Budytes flavus leucostriatus* (Homeyer).	do	
13368	*Rhyacophilus glareola* (Gmelin).	do	
13369	*Tanygnathus*	do	
13370	~~*Cicinnurus*~~ *Authreptes chloregaster*.	do	

	1904		
♂ ad.	Feb. 21	456 760 242 180 21 31 49.	Feathers of throat and neck discolored by food. Naked surfaces colored as in No. 13358.
♂ ad.	"	460 770 243 178 19 32 45.	Colors of naked parts as above.
♂ ad.	"	430 765 244 152 25 33 48	Iris dark hazel. Bare skin around eye, and edge of lid, plumbeous. Bill pale bluish gray, tipped with black. Cere pale bluish gray. Feet bluish gray; claws plumbeous-black, with underside of toes pale brownish flesh color.
♀ ad	"	435 750 242 170 22 29 49.	Hood, large berries. Iris orange-red. Bare space around eye, cere, and base of bill, vinaceous. Tip of bill white. Feet vinaceous, flesh color on under side of toes; claws horn color.
♀ ad.	"		Colors as above. Hood sent to the ?
♀ ad.	Feb. 25		Native name: Sal-le-quaek'. Iris true hazel. Eyelids flesh color. Bill apple green shading at base to yellowish below and olive above. Frontal process orange. Legs and feet brownish yellow; claws brownish horn-color.
♀ ad.	"		Iris red.
♀ ad.	"		
♀ ad.	"		
♀ ad.	"		
♂ ad.	"		
♂ ad.	"		Iris hazel. Bill all black. Feet greenish olive, with under sides of toes yellow. Inhabits cocoanut-trees.

/3371	Ptilopus banguenensis Meyer.	Cagayan Sulu Island, P. I.			
/3372	Demiegretta sacra (Gmelin).	do			
/3373.	Actitis hypoleucos (Linné).	do			
/3374	" " "	do			
/3375	Ninia jagori	do			
/3376	Anthreptes chlorigaster	do			
/3377	Callocalia francicana spectata (Hume).	do			
/3378	" " " "	do			
/3379	" " " "	do			
/3380	" " "	do			
+/3381	Sterna bergii Lichtenstein.	Celebes Sea off Davao=boanga Mindanao P. I.			
/3382.	Cicinnurus largesp.	Cagayan Sulu Island, P. I.			
/3383	Ptilopus banguenensis Meyer.	do			
/3384	" " "	do			
/3385	Dicrurus suluensis Hartert	Compare Sulu Id. specimens. do	Possibly new sp.		
/3386	Butastur indicus (Gmelin).	do			
/3387	Big gray Pygeon	do			
/3388.	Ninia jagori	do			
/3389	Hirundo javanica Sparrman.	do			
/3390	Budytes Motacilla melanope Pallas.	do			
/3391	Anaurornis phoenicura (Forster).	do			
/3392	Demiegretta sacra (Gmelin).	do			

	1904	
♀ad.	Feb. 25	Iris greenish yellow. Cere greenish yellow. Bill bluish-green, mottled with dusky. Feet vinaceous, claws brown-gray.
♀ad.	"	Iris yellow. Bill finlish gray above, olivaceous below. Bare skin on head greenish yellow. Feet apple green, under side of toes bright yellow; claws pale fleshy horn color.
♀ad.	"	Molting.
♀ad.	"	"
♀	"	
♂ad.	Feb. 26	
♂ad.	"	These birds were very abundant about the rocky hilltops of the island of Cagayan Sulu.
♂ad.	"	
♀ad.	"	
♀ad.	"	
?	Feb. 15	Found nearly dead off Zamboanga. Complete skeleton.
♂	Feb. 26	Stomach empty.
♂ad.	"	Stomach contained large green berries (drupes) but no seeds.
♀ad.	"	do
♀ad.	"	A number of pairs of these birds were seen on Cagayan Sulu
♂	"	Iris yellow. Stomach filled with large grasshoppers.
♀ad.	"	Shot by Capt. Langhorne.
—juv.	"	Ten were killed. Six were young, of which this was the youngest. The rest were variously spotted with bay and black, the most advanced one having a nearly black head.
♂ad.	"	
♂ad.	"	Yellow below and on rump.
♂ad.	"	Shot in an open space in the big shallow crater.
♀ad.	"	

13393	Loriculus galgulus (L).	Cagayan Sulu Island, P. I.	
13394	Dendrocygna arcuata	Pollok. S. Mindanao, P. I.	
13395	Osmotreron vernans (L.)	Cottabato, Mindanao, P. I.	
13396	" " "		do
13397	" " "		do
13398	Cicus [illegible]		do
13399	Dicaeum davao.		do
13400	Lalage terat = dominica	(Müller).	do
13401	" "	"	do
13402	Lanius nasutus Scopoli.		do
13403	Cinnyris jugularis	Barak, near Dansanya, Mindanao, P. I.	
13404	" "		do
13405	Ardetta large, blackish	Estuary near Dansanya, Mindanao, P. I.	
13406	Plegadis falcinellus		do
13407	Gallicrex cinerea		do
13408	Cacatua haematuropygia	Cottabato, Mindanao, P. I.	
13409	Ardetta cinnamomea	Zamboanga, Mindanao, P. I.	
13410	Oriolus chinensis Linn.		do
13411	Lanius lucionensis Linnaeus.		do
13412	Budytes flavus leucostriatus (Homeyer).		do
13413	Halcyon chloris		do
13414	" " "		do
13415	Chalcophaps indica (Linné.) Moro name: Mahn-ah'-tad. (Chalcophaps indica (Linnaeus).		do
13416	Chalcophaps indica (Linn.) Moro name: Mahn (ah'-lod.		do

♂	Feb. 26	A caged bird purchased from a Moro native.
♂juv.	March 2	A half-grown young.
♂ad.	March 3	Mated pair killed at one shot.
♀ad.	"	Mated pair killed at one shot.
♂ad.	"	Crop contained 17 fruits the size of a large cherry.
♂juv.	"	Moulting; assuming adult plumage. Crop contained several large lizards.
♂ad.	"	Testicles functionally developed to an enormous degree.
♂ad.	"	Feet pearl, black. A mated pair?
♀ad.	"	Feet plumbeous
♂ad.	"	
♀ad.	March 8	Shot in Sultan Tambilan's cocoanut-grove.
♂ad.	March 9	do
♂ad.	March 13	Shot by Colonel Harbord, Asst. Chief of P. Constabulary
♀ad.	March 14.	
♂ad.	"	
♂ad.	"	
♂ad.	March 19	
♀ad.	"	
♂ad.	"	
-ad.	"	Moulting.
♀ad.	"	
♀ad.	"	
♂ad.	"	260 468 154 97 20 26 29 Trapped by a Visayan native. Iris dark brown. Eyelid, bare skin around eye and base of bill, prune purple. Bill scarlet. Tarsi dahlia purple. Toes plum purple above and flesh color below; claws horn color.
♀ad.	"	252 452 145 93 16 27 31 Trapped by a Moro.

(over)

(13416 — concluded.) colors similar to those of male (No. 13415), but the scarlet is confined to the tip of the bill instead of occupying the terminal two-thirds of it; and the tops of the toes are are more reddish purple.

13417 Calornis panayensis Mucas, N. Mindanao, P. I. 1904 ♀ad. Feb. 15

13418 Haliaëtus leucogaster East Bolod Island, P. I. ♀ad. March 20 773 2100 615 290 45 93 101. Chord of culmen and height of bill at base, 30; width, 22; length of nostril, 7; cere taken together, 58; cere alone, 18; culmen, 45; 73. Claws: hind cl. (chord), 40; inner, 38; middle, 32.5; diameter of eye, 15; from base of cere to occiput, base of toes, 115. Iris true hazel. Bill, maxilax, and outer, 29; girth of tarsus, 65; girth of foot at which latter becomes dusky at tip. Claws slate-black tomia, plumbreous deepening to olive on bill, Shot by Captain Langhorne.
Tarsi and feet white tinged with greenish gray.

13419 Haliaëtus leucogaster East Bolod Island, P. I. ♂ March 20 700 1920 555 267 41 90 97. Colors as above, except that the iris is pale ~~greenish~~ yellowish-brown; bill more plumbreous — less olive. The Eagles above recorded were found to have thick, tough skins, but the muscles were quite tender. Our Chinese cook (Lee) cooked the female for his family, and pronounced it very good. When asked if it tasted fishy, he said it did. Later he asked for the meat of the other bird which he also cooked and ate at his home. Shot by Capt. Langhorne.

13420 Larus ridibundus Linné. Dinddangan, Dindangan Bay, N. Mindanao, P. I. —ad. Feb. 16 1904 Found rotted on the beach. Wing and skull preserved. Several living Gulls, apparently of the same species were seen on February 16, 1904, on Dandangan Bay.

13421 Chalcophaps indica (L.). Zamboanga, Mindanao, P. I. ♂ad. March 20 Colors of bare parts like those of No. 13415 (page 48).

13422 Macropygia tenuirostris Island of Basilan, P. I. —ad. Jan. 18 Quills of freshly-plucked bird. The Visayans of Zamboanga, opposite, call it "Paloma-de-rosa."

13423 Rostratula capensis. Zamboanga, Mindanao, P. I. im. Feb. 11 Shot by Captain Langhorne.

13424 Budytes flavus leucostriatus Camp Vicars, Mindanao, P. I. ♀ad. April 1

13425 " " " Altitude 3000 ft. do ♀ad. " "

13426 Mirafra philippinensis " do ♀ " "

13427 " " " do —ad. " "

13428 Ercalfactoria lineata (Scopoli). " do ♀ad. " "

13429 Cisticola cisticola (Temminck). " do ♂ad. " "

13430	Gallicrex cinerea	Altitude 2900 feet, on L. Lanao. Camp Vicars, Mindanao, P.I.	
13431	Gallinago megala	Swinhoe.	do
13432	Monticola solitaria		do
13433	Halcyon gularis (Kuhl).	Jaraca River, Mindanao, P.I.	
13434	Bubulcus coromandus	Ragayan, Jaraca Valley near Lake Lanao, Mindanao, P.I.	
13435	Ardetta cinnamomeus		do
13436	Tachybaptes philippinensis Columbus	Lake Lanao at Sauir, Mind., P.	
13437	Plotus melanogaster	Lake Lanao, Mindanao, P.I.	
13438	Muiaora philippinensis	Malabang, Mindanao, P.I.	
13439	Artamides Graucalus guillemardi	Camp at Crater Lake, Sulu, P.I.	
13440	Tachybaptes philippinensis	Sauir, Lake Lanao, Mindanao, P.I.	
13441	Megalurus palustris?	Surigao, N. Mindanao, P.I.	
13442	Loriculus apicalis Souancé.		do
13443	Cinnyris sperata	Baenag, N. Mindanao, P.I.	
13444	" "		do
13445	Turtur dussumieri Temminck.		do
13446	Iole philippinensis		do
13447	Centropus viridis (Scopoli)	Dinagat Island, 15 miles north of Surigao, Mindanao, P.I.	
13448	Dicaeum		do
13449	Cinnyris ~~jugularis~~ dinagatensis	Type.	do
13450	Megalurus palustris?	Surigao, N. Mindanao, P.I.	
13451	~~Numenius~~ Mesoscolopax minutus (Gould)		do
13452	Arachnothera	Tubay, N. Mindanao, P.I.	
13453	Cinnyris sperata	Jabonga, Lake Mainit, Mind., P.I.	
13454	Cinnyris jugularis		do
13455	Anthus rufulus Vieillot.		do

1904

♂ ad.	April 1	
♂ ad.	"	— — — 63 — — Shot by Capt. McCoy.
♀ ad.	"	
♀ ad.	April 6	Rather common on Jaraca River and Lake Lanao.
♂ ad.	April 8	With nuptial plumes. A hospital corps man cooked and ate this bird, and said it was good. The testicles were enormously developed.
♂ ad.	"	
♀ (♂?) ad.	April 9	
(♂?) ad.	~~April 10~~ September 27, 1903	Shot by Dr. Hicks & Capt. Sivetty (28th Infantry). ~~Shot by General Wood~~
♀ ad.	Oct. 7, 1903.	Shot by Captain McCoy. Shot on grassy target-range.
	Nov. 15, 1903.	
(♂?) ad.	April 1904 10	Shot by Major-General Leonard Wood, U.S. Army.
♂ ad.	April 20	Shot in a small tree beside a marsh and pond.
♂ ad.	"	Shot in a cocoanut-tree in town.
♂ ad.	April 21	Called Tahm'-see by the Filipino and "Bohol=anos" of Baenag.
♂ ad.	"	
♂ ad.	"	
— ad.	"	
♂ ad.	"	
♂ ad	"	
♂ ad.	"	
♀ ad.	"	Shot in a small tree. Mate of No. 13341.
♂ ad.	"	By a small pond on outskirt of town of Surigao.
♀ ad.	April 22.	In a cocoanut-tree in town of Tubay.
♂ ad.	April 24	In a cocoanut-tree in the town of Jabonga.
♀ ad.	"	do
♂ ad.	"	On grassy border of the lake.

13456	Hypothymis azurea (Boddaert)	Tubai River above Dantego, Mindanao, P. I.	
13457	Arcoses calvus	do	
13458	Halcyon gularis (Kuhl).	Tubay River below Santiego, Mindanao, P. I.	
13459	" " "	do	
13460	Pelargopsis gigantea	do	
13461	Prioniturus discurus	Santiego on the Tubay River, Mindanao, P. I.	
13462	Hypothymis azurea (Boddaert)	Surrigao, Mindanao, P. I.	
13463	~~Dicaeum~~ Orthotomus frontalis Shaipe.	do	
13464	Dicaeum rubriventer	do	
13465	Polytelis mindanensis (Sleere).	do	
13466	Loriculus apicalis Souancé	Gandia, upper Agusan River, Mindanao, P. I.	
13467	Butorides javanica	do	
13468	Centropus viridis (Scopoli).	Jativa, upper Agusan River, Mindanao, P. I.	
13469	Halcyon gularis (Kuhl).	Patrocino, upper Agusan River, Mindanao, P. I.	
13470	Herodias alba (Linnaeus)	Agusan River a short distance below Lake Dagun, Mindanao.	
13471	Ceyx argentata Tweeddale.		
13472	Himantopus leucocephalus.	Jiminez, N. Mindanao, P. I.	
13473	" " Gould.	do	
13474	" " "	do	
13475	" " "	do	
13476	Cinnyris jugularis	Langaron, N. Mindanao, P. I.	
13477	Anthus rufulus Vieillot.	do	
13478	Excalfactoria lineata	Balingao, N. Mindanao, P. I.	
13479	" "	do	
13480	Gerygone sulphurea.	do	
13481	Micronous mindanensis	do	

	1904		
♂ ad.	April 24		
♀ ad.	"		Ovipositing.
♀ ad.	"		
♀ ad.	"		
♂ ad.	"		
?	"		In captivity.
– ad.	April 25		
– ad.	"		
♀ ad.	"		
– ad.	"	Edge of woods, on hillside.	
♀	"	In a cocoanut-tree.	
♂ ad.	May 6		
♀ ad.	"	Very abundant.	
♀ ad.	May 7		
♀ ad.	May 8	Varicella, upper Agusan River, Mindanao, P. I. Shot by Captain McCoy. Iris pale yellow, almost white. Bill yellow. Legs and feet purplish black.	
♂ ad.	May 9	Shot by Capt. McCoy. Iris very dark brown. Bill black. Sores 2–1=3. Feet vermilion; claws brownish black.	
♂ ad.	May 12	Bill black. Iris red. Legs and feet purplish red; claws dusky.	
♂ ad.	"		
♂ ad.	"		
♀ ad.	"		
♂ ad.	May 13	Shot in a cocoanut-tree.	
♂ ad.	"		
♂ ad.	"	Shot in a comoti field.	
♂ ad.	"		
♂ ad.	"		
	"		

13482 Hydrochelidon hybrida (Pallas). Lake Lignasan, Mindanao, P.I.

13483 " " do

13484 Poliolimnas cinereus Sharpe. do

13485 ~~Hydrophasis~~ " do

13486 ~~Hydrophasianidæ~~ chirurgus (Scopoli). Lake Buluan, Mindanao, P.I.

La-we'-ong (Moro).

13487 Hydralector gallinacea (Temm.). Buluan River, between lakes Buluan and Lignasan, Mindanao, P.I.

Moro name: Pah-pan-ook'.

13488 ~~Podiceps Australis~~ Xanthotæma haematocephala (P. L. S. Müller). Pahn'-dog, do

Ko-pah'-pook (Moro).

1904

♂ad. May 17 } Iris brown. Bill dark red. Feet dark red; claws dusky. Stomach contained many small fishes.

♂ad. May 18 278 712 242 82 33 — — }

♀ad. " 220 320 97 47 — — — } Iris red. Bill yellow, olivaceous above. Feet and claws olive.

♀ad. "

♀ad. May 22 478 710 235 235 — — — Moro name: La-we'-ong. Length to end of claws, 444. Iris dark brown. Bill plumbeous at base shading to horn color at tip. Legs and feet plumbeous. Wing-spur plumbeous at base, horn color at tip. Shot by Bishop C. H. Brent, of Boston, Mass., on Lake Buluan, May 22, 1904 (White Sunday!).

♀ad. May 27 Iris wood brown. Bare eyelid pale blue. Frontal shield, with its crest-keel, vermilion, quickly changing after death to dull purplish yellow. Bill white at base, terminal half black but faintly horn color at extreme tip. Legs and feet dull gray, greenish at joints; claws dusky olive, lined below with horn color. Gizzard nearly empty; contained a small quantity of gravel, small red seeds, and insect remains. Note a low-whistled tremulo. During flight it carries its spurs projecting vertically upward. Abundant on lakes Buluan and Lignasan.

♂ad. May 27 177 288 86 45 — — — Iris brown. Bill black; horn-color at extreme base of mandible. Bare space around eye deep wine color. Feet red. Claws plumbeous-black. This bird was in a small deciduous tree, where its actions were not unlike ordinary birds'.

Colymbus

13489 Podiceps philippinensis — Buluan River, below Pandog, between lakes Buluan and Liguasan, Mindanao, P.I.

13490 Calornis panayensis — Zamboanga, Mindanao, P.I.

13491 Dysporus Sula sula (Linnaeus). — Killed in longitude 124° E., latitude 6° 6.45 N., off (S.W. 9 miles) Kamipan Bank, S. Mindanao, P.I. Celebes Sea.

13492 Spilogaris holospilus (Vig.) — Sulug, east shore of the Gulf of Davao, Mindanao, P.I.

1904

9ad May 27 This female would very soon have oviposited. Gizzard filled with vegetable matter.

9juv May 6 Handed me by Colonel Corbusier, U.S. Army.

7ad. June 10 775 1460 390 240 102 47 80 Culmen (chord), 102; height of bill at base, 31. Molting. Quill-feathers much faded, and frayed by wear. Iris brownish gray with an external ring of white. Bill yellowish white, dusky at extreme tip where it is more grayish below and more olivaceous above. Bare skin of face and gular pouch pale yellow, except that the eyelids and space in front of eye are plumbous. Feet plain, pale greenish yellow, without dusky markings or shading; [Whole alimentary tract preserved.] claws grayish horn color.

During the forenoon of June 10, 1904, an occasional pair of Gannets, or "Boobies" as the sailors call them, were the only birds visible. At 10:30 A.M. a pair of these Gannets continually circled about the ship ("Troy"). Their flight is somewhat like a Gull's; but the yellow feet, whitish bill, and wedge-shaped tail serve to distinguish them. After being fired at they again returned to the ship, and one was shot. A sailor (Filipino or Malay) jumped overboard and swam out and got it.

9ad. June 12 540 1135 360 255 25 80 55 Culmen and cere (chord), .35; chord of culmen, 25. Iris, maslax, and tomia, chrome yellow. Bill plumbous with a black tip. Feet yellow; claws black.

13493 Penelopides affinis Tweed. — Sulug, on the east shore of the Gulf of Davao, Mindanao, P. I.

13494 Eurystomus orientalis — do

13495 Dole philippinesis (Gmelin). — do

13496 Sterna ~~sinensis Gmelin~~ ~~noveboracensis~~ } West side of the Gulf of

13497 " sinensis Gmelin. } Davao, in front of Dumoy, Mindanao, P. I.

13498 Eurystomus orientalis } Tagulaya, on the west

13499 Sarcops calvus } side of Davao Gulf, near the foot of Mt. Apo, Mindanao, P. I.

13500 Rhabdotreron brevirostris. } males. do

13501 " " Tweeddale. do

13502 Sarcops calvus do

13503 Pycnonotus goiavier. do

1904

♂ ad. June 12 580 780 245 225 100 45 47 Height of bill, 38. Iris dark red. Ridge process of maxilla reddish brown shading to whitish at base and pale reddish laterally where it joins the maxilla proper; maxilla dark red-brown on basal half, pale olive on terminal half; mandible red-brown at base above, pale olive on terminal half, with intermediate area crossed by four whitish oblique ribs separated by three black grooves, the extreme base of mandible below being red. Feet olive-plumbeous; claws plumbeous-black.

♂ ad. June 12

♀ ad. "

♂ ad. June 14 222 530 178 68 — 18 19 } Albinistic. Tip of bill broken off. Iris dark brown.

♂ ad. " 225 536 180 66 30 18 19.5 } Bill olive-brown, black at tip, horn color at extreme point. Legs and feet olive-brown; claws black; under side of toes yellow. The stomachs of both were filled with fish an inch in length. The sexual organs show that it was not near their breeding season. No others were seen. Native names: Kahn-ah'-wy (Davao Visayan); Bahs-bahs' (Santa Cruz Bogobo)

♀ ad. June 14. Bogobo name: Bahs-rock-bah'-kan.

♂ ad. " . Whistled exquisitely. Bogobo: Tu-kal'-ling.

♂ ad. " Bogobo name: Le-moke'-un or Le-mio'-kan.

♀ ad. " do

♀ ad. " Shot by Governor Bolton.

♂ ad. " Shot by Governor Bolton Bogobo name: Te-boo'-ool.

13504	Penelopides affinis Tweedd.	Tooncahling, Mt. Apo, Mindanao P.I. altitude 1500 feet. Base of Mt. Apo.	
13505	Centropus melanops. Lesson.		do
13506	" " "		do
13507	Cinnyris operata		do
13508	~~Acanthopneuste~~ Phylloscopus lugubris (Blyth).	Obtained alive & kept in confinement from alcohol.	do
13509	~~Acanthopneuste~~ " "		do
13510	~~Dale~~ philippinensis (Gmelin).		do
13511	" " " "		do
13512	Gallus gallus (Linné).	Camp on Serebalin creek, Mt. Apo, Mindanao, P.I. altitude 6000 feet.	
13513	Zosterops whiteheadi vulcani	Hartert.	do
13514	" " "	"	do
13515	" " "	"	do
13516	" " "	"	do
13517	Zosterops goodfellowi Hartert.		do
13518	" "	"	do
13519	" "	"	do
13520	Cryptolopha mindanensis		do
13521	Rhipidura nigrocinnamomea	Bogobo name: Tah'-din.	do
13522	" "	"	do
13523	Merula kelleri		do
13524	" "		do
13525	" "		do
13526	Phabotreron amethystina Bonaparte.		do
13527	Halcyon hombroni (Bonaparte).		do

♂ ad.	1904 June 15	Bird Killed at 1750 feet.							Bogobo name: Ing-yet'.
♂ ad.	"	"	"	"	"	2000	"		Sah-gook'-sook.
♂ ad.	"	"	"	"	"	2000	"		Ikwam' see (Mindanao Vizcayan).
♂ ad.	"	"	"	"	"	1750	"		Shot by Governor Bolton.
♂ ad.	"	"	"	"	"	1600	"		In alcohol. do In bamboo.
♀ ad.	"	"	"	"	"	1600	"		" " " do "
— ad.	"	"	"	"	"	1600	"		" " " ~~Albino~~.
— ad.	"					2000			(?) (?)
♂ juv.	June 17	Iris grayish brown. Bill, feet, and claws, flesh color. Heard peeping beside the shot bird by Dr. Copeland, Bogobo name: Mah-nook' Tah-loong.							
♂ ad.	"	114	182	56	41	11.5	18	14	Bogobo name: Kah-tag'-moog. Killed at 6000 feet.
♂ ad.	"	122	182	59	46	11.5	17.5	13.5	Iris brownish gray. Bill black above and at tip,
♂ ad.	"	121	180	56	41	11.2	17.4	13.2	with basal two-thirds of mandible plumbeous.
♂ ad.	"	123	183	56	43	11.9	17	13	Feet and claws plumbeous.
♀ ad.	June 18	154	230	72	60	13	21	17	Iris reddish brown. Bill all plumbeous-black. Feet and claws pale olive. Bogobo name: Kah-taa'-moque.
♂ ad.	"	156	231	75	61	13	21	16	
♂ ad.	"	158	237	75	60	13.5	21	16.5	
♂ ad.	"	118	185	60	44	10	21	13.7	Bogobo name: Behr-riss-behr'-riss. Iris brown. Bill brown-black, yellow at base of mandible. Feet and claws plumbeous.
♂ ad	"	176	246	81	92	8 (from nostril)	19	15	Iris reddish brown. Bill all black. Feet dark purplish gray; claws black.
♂ ad.	"	180	246	81	95	8	18	14	
♂ ad.	"	246	370	114	99	21	32	30	Bogobo name: Pó-lo. Iris brown. Eyelid, bill, feet, and claws all yellow.
♂ ad.	"	257	388	116	111	21	33	30	
♂ juv.	"	Eyelid dull greenish olive. Bill dusky about base of maxilla.							
♀ ad	June 19	300	464	151	123	26.5	19	32	Bogobo name: Sah-goo'-roe. Iris reddish brown Bill all gray-black. Feet violaceous; claws brownish plumbeous.
♂ ad.	June 19	Iris brown. Bill vermillion inside and out. Feet yellow; claws olive. Bogobo name: Bah-cah'-ka.							

			Altitude feet.
13528	Gallus gallus (Linné).	Mt. Apo, Mindanao, P. I.	7000
13529	Phabotreron amethystina Bonaparte.	do	7000
13530	Goodfellowia miranda Hartert.	do	6750
13531	Merula kelleri Mearns.	do	6750
13532	Hypocryptadius cinnamomeus Hartert	do	6500
13533	Chalcophaps indica (Linné).	To-day'-ah, do	4000
13534	Zosterops whiteheadi vulcani.	Mt. Apo, Mindanao, P. I.	6500
13535	" " "	do	6500
13536	Arachnothera boltoni	do	8000
13537	" "	do	7800
13538	Hyloterpe aponensis	do	6000
13539	Merula kelleri Mearns.	do	6000
13540	Hypocryptadius cinnamomeus Hartert.	do	6000

		1904							Bogobo name.
13528	♀ ad.	June 20	468	670	210	162	13.5	62	51	Mah-rook'-Jah'-loong.
		Iris yellow-brown. Bill horn color shading to olive-brown at base of maxilla. Feet all plumbeous; claws plumbeous-black.								
13529	♂ ad.	June 20	313	470	156	131	27	22	32	Jagh-goo'-roh.
		colors of bare parts like those of No. 13526.								
13530	♀ ad.	June 20	217	370	116	165	20	27	26	Too-Kahl-ling'.
		Iris brown. Bill and large bare space on sides of head yellow. Tarsus with an olive line on anterior face, dusky posteriorly; toes olive-black above, yellowish below.								
13531	♀ ad.	June 20	244	370	115	100	23	34	32.	Po'-lo. Colors like No. 13523.
13532	♀ ad.	"	170	292	92	62	16	21.5	19	Kee-Kick'-yow.
		Iris brown. Bill plumbeous, dusky on upper side of maxilla. Feet and claws plain plumbeous.								
13533	♂ ad.	"	258	456	143	93	16.5	37	36	Men-ah'-tod. Snared.
13534	♀ ad.	"	Parent of No. 13535.							Kah-taa'-moag.
13535	♂ juv.	"	Young of No. 13534.							Kah-taa'-moag.
13536	♂ ad.	"	130	180	57	55	20	17	13	~~Tot-lah-loo'-ong.~~ Kah-po-yo-po'-yo?
13537	♂ juv.	"	Iris brown. Bill black, orange at base, yellow and orange inside, Iris brown. Tarsus black; toes orange, dusky above.							Jah-gah-poi-yah-poi'-yah.
13538	♂ ad.	"	179	289	92	78	13.3	19	16	Pee'a-oi'-loi.
13539	♂ im.	"	Iris brown. Bill black. Feet and claws plumbrous.							
		"	241	385	120	100	23	34	32	Po'-lo.
13540	♀	"	173	292	95	67	17	21	19	Kee-Kick'-yow.
		colors of naked parts like those of No. 13532.								

			altitude, feet.		1904.								
13541	~~Ethopyga~~ boltoni	Mt. Apo, Mindanao, P. I.	June 20	♂ ad.	6000 ft.	120	170	56	42	22	18	14	Bogobo name: Kah-po-ya-po-yo.
13542	Zosterops whiteheadi vulcani Hartert.	do	6000	♀ ad.	June 20	This bird fluttered like a Hummingbird in front of a flower. Tail not outgrown. Colors below. Bogobo name — — — — — — — — — —							Kah-taa'-mogue.
13543	Stoparola panayensis nigriloris Hartert.	do	6000	♂ ad.	June 20	154	250	80	64	(18)	(15.5)		Ka-le-to-lee'.
					Bill from nostril, 8.8; chord of culmen, 12.8. Iris brown. Bill black. Feet brownish black; claws black.								
13544	Lunotreron Bilopus occipitalis Bonap. ex Gray.	do	6500	♂ ad.	June 20	316	500	158	122	19	25	32	Tee-bur-oang'.
					Iris yellow-brown. Bill vermilion squarely tipped with yellow. Feet rose red, flesh color on under side of toes; claws horn color.								
13545	Zosterops whiteheadi vulcani Hartert.	do	6000	♀ ad.	June 20								Kah-taa'-mogue.
13546	Brachypteryx mindanensis	do	6000	♀ ad.	June 21	158	212	70	56	nost. 9 14	31	24	Mahn-kee'-kik.
					Iris dark brown. Bill, feet, and claws dark gray. Trapped in a "cyclone" trap under the roots of a tree.								
13547	Phabotreron amethystina Bonaparte.	do	6000	♂ juv.	June 21	Colors of bare parts like those of adults. Bahg-goo'-roe.							
13548	Ethopyga boltoni	do	6000	♀ ad.	"	113	160	51	39	18	16	13	
					Iris red. Bill black. Feet grayish brown, soles yellow.								
13549	Rhipidura nigro-cinnamomea Hartert.	do	6000	♀ ad.	"	169	222	71	86	nost. 8.5	19	13.5	Tah'-din.
13550	Phyllergates heteroclamys	do	6700	sex? -	"	121	150	50	47	14	21	13.5	Type. ?
					Iris brown. Bill with maxilla brown, mandible yellow tipped with red. Feet pale yellowish-brown. This was shot in bushes, and was the only one of its kind seen.								
13551	Rhipidura nigro-cinnamomea Hartert.	do	6000	♂ ad	"	177	235	75	89	nostril 8	17.5	13.5	Tah'-din.
13552	Stoparola panayensis nigriloris	do	6000	♂ ad.	"	167	263	81	69	nost. 8.8 12.8	17.	16	Kal-lee-to-lee'-to.
13553	Hylotetpe apoensis	do	6000	♀ ad.	"	171	266	84	70	14.3	20	17	Be'a-oi-loi.
13554	Phabotreron amethystina Bonaparte.	do	6250	— juv.	June 22								
13555	Goodfellowia miranda	do	6250	♂ ad.	"	344	400	121	173	19.5	28	28.5	
13556	"	do	6250	♂ ad.	"	349	396	123	177	20.5	29.5	28.5	
13557	"	do	6250	♀ ad.	"	340	400	120	162	22	32	32	

				Altitude feet.
/3558	Goodfellowia miranda	Mt. Apo, Mindanao, P.I.		6250
/3559	"	"	do	6250
/3560	"	"	do	6250
/3561	Pernis		do	6000
/3562.	Dicaeum nigrilore Hartert.		do	6700
/3563	Rhipidura nigrocinnamomea Hartert.		do	6000
/3564	"	"	do	6000
~~13563~~			do	6000
~~13564~~			do	6000
/3565	Zosterops goodfellowi Hartert.		do	6000
/3566	"	"	do	6000
/3567	Goodfellowia miranda		do	6000
/3568	Rhipidura nigrocinnamomea Hartert.		do	6000
/3569	Goodfellowia miranda		do	6000
/3570	"	"	do	6000
/3571	"	"	do	6000
/3572	Zosterops whiteheadi vulcani Hartert.		do	6000
/3573	"	"	do	6000
/3574	"	"	do	6000

♂ ad.	June 22	360	404	123	185	21	30	29	Bogobo name.
♂ ad.	"	352	405	121	173	21.5	31	29	
♀ ad.	"	353	405	125	177	20.5	30	30	
♀ ad.	"	745	1380	445	320	25	55	83	; culmen and cere, 41; cere, 20.5. Iris white. Cere, nostrax and lorum grayish black. Bill bluish black; horn color at base of mandible. Bare eyelid purplish gray. Feet yellow; claws plumbeous-black. Crop empty. Gizzard filled with remains of honey-bees. Sternum preserved. Flesh of this bird was tender juicy, and deliciously flavored. It was one of the best birds that I ate on Mt. Apo.
♂ ad.	"	105	174	55	30	11	14.5	12	Iris light red. Bill black. Feet dark gray; claws black. Lining of wings white. Habits (actions) suggest those of the Pittidae.
♂ ad.	"	178	238	79	92	8	18	15	Jah'-din.
♀ ad.	"	179	237	79	93	8	18	15	Jah'-din.
♂ ad.	"	155	235	77	62	13.3	22	17	Kah-laa'-mogue.
♂ juv.	"								Kah-laa-mogue.
♀ ad.	June 23	341	397	123	172	22	30	31	Joo-Kah-ling'.
♂ ad.	June 24								Jah'-din.
♂ ad.	"								Joo-Kah-ling'.
♂ ad.	"								"
♂ ad.	"								"
♂ ad.	"								Kah'-laa'-mogue.
♂ ad.	"								"
♂ ad.	"								"

			Altitude, feet.
13575	Stoparola panayensis nigriloris	Mt. Apo, Mindanao, P.I.	6000
13576	Hyloterpe aponensis	do	6000
13577	Hypocryptadius cinnamomeus Hartert.	do	6000
13578	Muscicapula basilanica (Sharpe), ♀	do	6000
13579	Hyloterpe aponensis.	do	6000
13580	Pardaliparus mindanensis	do	6200
13581	" "	do	6200
13582	Merula Kelleri	do	6700
13583	" "	do	6700
13584	Æthopyga boltoni	do	6250
13585	" "	do	6250
13586	Zosterops goodfellowi Hartert.	do	6250
13587	Rhipidura nigrocinnamomea.	do	6700
13588	" "	do	6500
13589	Stoparola panayensis nigriloris Hartert.	do	6250
13590	Merula Kelleri	do	6250
13591	" "	do	6250
13592	Zosterops whiteheadi vulcani Hartert.	do	6250
13593	" " " "	do	6250
13594	Goodfellowia miranda.	do	6250
13595	~~Cyanorrhinus leucocephalus~~ (Vieillot).	Todaya,	4000
13596	Goodfellowia miranda.	do	6000
13597	Iole philippinensis (Gmelin).	do	6000
13598	Merula Kelleri	do	6000
13599	Muscicapula westermanni Sharpe.	do	6000

	1904.								
♂ad.	June 26	160	253	78	67	8.5	19	16	Bogobo name. Kbl-le-to-lee'-to. Iris ~~light red~~ dark brown. Bill black. Feet grayish black; claws black.
♂ad.	"	170	262	85	72	14.5	19	16	Be'a-oi-loi.
♂ad.	"	165	272	95	61	15. nest.	21	18.5	Kee-Kick-yoe.
♂ad.	"	128	212	66	51	8.3	19	15	Kri-Kri. Iris brown.
♀juv.	June 25	Bill black. Feet and claws light gray. Voice resembles that of a newly-hatched chicken. Kahl-lo-el-clee'-uh.							
♂ad.	June 25	117	209	67	39	9.5	16	15	Kah-too-ree-nay.
♂ad.	June 25	119	210	65	40	9.5	16	15	do
♀juv.	June 25								Po'-lo.
♂juv.	June 26								"
♂juv.	June 26	Iris red.							Kah-po-yo-pó-yo; also Kah-pue-yoo'-ahn.
♂ad.	June 25								Tah'-din. Kah-taá-mogue.
-ad.	"								Tah'-din.
-ad.	"								"
♂ad.	June 26								Cal-lee-to-leé-to.
♂ad.	"								Po'-lo.
♂ad.	"								"
♀ad.	June 27								Kah-taá'-mogue.
♂ad.	"								~~Too~~ "
♂ad.	June 25								Too-Kahl-ling'.
♂ad.	June 26								Kal-you'-uh.
♀ad.	June 27								Too-Kahl-ling'.
♀ad.	June 26								By-ah'-ko.
♀ad.	June 27								Pó-lo
♀ad.	"								Toon-pisá.

			Alt. feet
13600	Muscicapula westermanni Sharpe. Mt. Apo, Mindanao, P.I.		6000
13601	Zosterops whiteheadi vulcani Hartert.	do	6000
13602	~~Callisitta lilacea Whitehead?~~ ~~Sitta frontalis~~ Sw. ? below	do	6000
13603	~~Callisitta lilacea~~ ~~Dendrophila~~ ornochlamys?	do	6000
13604	Callisitta lilacea Whitehead?	do	6000
13605	Iole philippinensis (Linn.).	do	6000
13606	Cryptolopha mindanensis	do	6000
13607	Rhabdornis amethystina Bonaparte.	do	6000
13608	Zosterops	do	6000
13609	Stoparola panayensis nigrilorus.	do	6000
13610	" " "	do	6000
13611	Zosterops goodfellowi Hartert.	do	6000
13612	Hylocitrea apodasis	do	6000
13613	" "	do	6000
13614	Muscicapula ~~basilanica~~ monticola (Sharpe).	do	6000
13615	Prioniturus waterstradti Rothschild.	do	6250
13616	Stoparola panayensis nigrilorus.	do	6000
13617	Leucotreron occipitalis (Bonaparte ex Gray).	do	6000
13618	Prioniturus waterstradti Rothschild.	do	6250
13619	Goodfellowia miranda	do	6250

Bogobo name.

♂ad. June 27	119	180	57	44	7. wort.	16	13		Toom-pisé.
	This and No. 13599 were a mated pair. In both the iris was dark brown, and the bill black. The feet and claws of the male were slate-black; but those of the female were dusky plumbeous.								
♂ad. "									Kah-taá-mogue.
—ad. "									Kal-lee-lnig-leé'-lnig.
♂ad. "	136	247	80	48	13.5	17	21		"
♀ad. "	138	248	80	47	15.5	17	21		"
	^Female the brightest								
♂ad. "									Bey-ah'-ko.
—ad. "									Behr-riss-behr'-riss.
♂ad. June 29	300	460	156	123	26	21	28		Sagh-goo'-roe.
—ad. June 28	In formalin.								Kah-taá-mogue.
♂ad. "									Kal-lee-to-leé'-to.
♀ad. "									"
♀ad. "									Kah-taá'-mogue.
♀ad. June 29	170	269	85	72	10 wort.	19	18.5		Be'a-oi-toi.
♂ad. "	170	267	84	72	10	20	17.		"
♀ad. "	125	200	62	46	11	18	17		K'ri-Kri.
	Iris brown. Bill black. Feet and claws grayish flesh color.								
♂ad. June 30	316	490	160	150	20	18	27		Too'-sing.
	Iris brown. Bill bluish horn-color. Feet and claws brownish gray.								
♂ad. "	168	257	82	72	11 7. wort.	17	15.5		Kal-lee-~~lnig~~-to-leé'-to.
♂ad. "	330	500	157	126	15.5	27	35		
♀ad. July 1	327	482	157	167	19	15.5	27		Too-sing'.
♀juv. June 30									Too-Kahl-lnig'.

			Alt. feet.	1904.							Bogobo name.
13620	*Rhipidura nigrocinnamomea* Mt. Apo, Mindanao, P.I.		6250	— ad	July 2	183	240	81	95	12.	18	14.5	Sah'-din.
13621	*Accipiter manillensis* (Meyen).	do	6000	sex? Upp.	July 1	307	570	175	138	12	52	42	

Iris yellow. Cere, maxlax, and tomia yellow-green. Bill black with base of mandible and inside of mouth blue-gray. Feet greenish yellow; claws plumbeous-black. Crop and gizzard full of meat and bones of birds, with but few feathers.

13622	*Prioniturus waterstradti*	do	6250	♂ ad.	July 1	316	496	160	139	18.7	16	26	Doo'-sing.
13623	*Trichoglossus johnstoniae*	do	6250	♀ ad.	"	204	320	110	81	13.5	14	20.5	Leese-leese. (Equal accent.)
13624	" "	do	6250	♂ ad.	"	210	337	114	83	14.5	14	21	

Iris light brown. Bill orange, dark purplish at extreme base of maxilla. Bare space around eye slate-black, except lower lid which is plumbeous. Feet plumbeous; claws brownish gray. Cere purplish black.

13625	*Macropygia tenuirostris* Bonaparte.	do	6750	♂ ad.	July 3	380	545	188	190	cul. fid. cclr. 15.	24	32	Sar-rah-book'-yahn.

By the Bogobos on the shore of the Gulf of Davao, at Tagulaya, this Pigeon is called Non-cah-hew'-ey; but the Bogobos of Todaya, at 4000 feet altitude on Mt. Apo called it Sar-rah-book'-yahn.

Iris red with an inner circle of white. Bill dark purplish brown, vinaceous at base of mandible. Eyelid (ring) vinaceous. Bare space around eye reddish purple. Feet red, flesh color on underside of toes; claws horn color at base, brown at tip.

Note.— This large brown Pigeon was scarce on the mountain. One was seen near Datto Ali's residence.

13626	*Dasteropsis whiteheadi vulcani* Hartert.	do	6000	♂ ad.	July 3								Kah-taa'-moque.
13627	*Harpactes ardens* (Temminck).	do	6000	♀ ad.	"								Kay-ah-doo-deen.

A paler but brighter bird than those from Pantar.

Bare skin of face blue. Iris brown. Bill yellow, green at base. Feet pale bluish gray; underpart face of toes, and claws, light yellow.

13628	*Trichoglossus johnstoniae*	do	6000	♂ ad.	"								Kaa'd-doo'-deen. Leese-leese.

13629	Stoparola panyanensis nigritoris	Mt. Apo, Mindanao, P.I.	6000		
13630	Cryptolopha mindanensis	do	6000		
13631	" "	do	6000		
13632	Hypocryptadius cinnamomeus Hartert. Hypocryptadius cinnamomeus	do	6000		
13633	Hylocitrea aporensis	do	6000		
13634	Merula Kelleri	do	6500		
13635	Goodfellowia miranda	do	6500		
13636	" "	do	6500		
13637	" "	do	6500		
13638	" "	do	6500		
13639	Chrysocolaptes lucidus (Scopoli).	do	6200		
13640	Brachypteryx mindanensis Mearns.	do	6300		
13641	Ptilopus occipitalis Bonap. ex Gray.	do	6300		
13642	Calloealia whiteheadi Grant.	do	4000		
13643	" " "	do	4000		
13644	" " "	do	4000		
13645	" " "	do	4000		
13646	Merula Kelleri	do	♂ ad.	6000	July 5
13647	Zosterops whiteheadi vulcani Hartert.	do	— ad	6000	"
13648	Merula Kelleri	do	♂ ad.	6000	July 6
13649	Gallus gallus (Linné).	do	♂ juv.	6000	"

1904

											Bagobo name.
— ad.	July 3										Kal-lee-lo-lee'-to.
♂ ad.	"										Behr-riss-behr'-riss.
♂ ad.	"										"
♂ ad	"	The Bagobos of Todaya had no less than three names for this bird: Lue-yew-awh'-toi; Kee-kick-yow; and Kick-ye-K'yo.									
— ad.	"										Be'a-oi-toi.
♀ ad.	July 4										Po'-lo.
♂ ad.	"										Joo-cah-ling.
♂ ad.	"										"
♂ ad.	"										"
♂ ad.	"										"
♀ ad.	"	158	220	70	62	9.5 mort. 14	33	23	Loog-bah'-tong.		
♂ ad.	"	Another name is Boor-roo-wing'—its lisping note. Iris dark brown. Bill feet and claws gray-black, darker in Mean plumage.									
♂ ad.	"	330	504	168	125	15.5	28	34	Tee-boor-oang'.		
♀ ad.	"								Cal-ahn-tee'-pach.		
♂ ad.	"										"
♀ ad.	"										"
♂ ad	"	150	352	148	68	6.	—	—			"
The above four Swifts were taken from a hollow tree by our Bagobo hunters. One nest was taken.											
		247	378	120	106	13 mort. 22	32	28.5	Po'-lo.		
									Kah-taa'-mogue.		
									Po'-lo.		
Brought in by a Bagobo native. Toes much webbed at base.									Mah-nook' Pah'-loong.		

			alt. feet.			1904							
13650	Chrysocolaptes lucidus	Mt. Apo, Mindanao, P.I.	6000	♂	ad.	July 6	300	478	150	103	40	28	33
13651	Stoparola panayensis nigrilorıs Hartert.	do	6000	♀	ad.	"							
13652	Dicaeum nigrilore Hartert.	do	6000	♀	ad.	"	106	192	55	30	13	16	13.5
13653	Dicaeum Muscicapula montigena basilanica (Sharpe).	do	6000	♀	juv.	"							
13654	Merula Kelleri	do	6000	♀	ad.	"	250	380	123	106	13 most. 21	33	29
13655	" "	do	6000	♂	juv.	"							
13656	Prioniturus waterstradti Rothschild.	do	6200	♂	ad.	"	313	496	169	150	20	15	26
13657	Hyloterpe apoensis	do	6000	♀	ad.	"	170	263	84	70	9.5 most. 14.5	18	15
13658	Muscicapula basilanica (Sharpe).	do	6000	♂	ad.	July 7	127	203	64	51	8. most. 10.	18	16
13659	" " "	do	6000	♀	ad.	"	125	194	62	48	7.2 most. 10.	18	16
13660	Pseudotharrhaleus griseipectus Mearns.	do	Type. 6200	♀	ad.	July 8	176	200	63	81	8.5 most. 14.	26	23
13661	Hypocryptadius cinnamomeus	do	6200	♂	ad.	"	171	298	97	66	11. most. 16	20	19
13662	Pardalipsarus mindanensis	do	6200	♂	ad.	"	115	212	70	43	11	17	15
13663	Ethopyga boltoni	do	6200	♀	ad.	"							
13664	Zosterops whiteheadi vulcani Hartert.	do	6200	♀	ad.	"							
13665	~~Dendrophila~~ Cryptolopha mindanensis	do	6200	♀	ad.	"							
13666	~~Dendrophila~~ Callisitta lilacea Whitehead	do	6200	♂	ad.	"	132	247	80	47	10. most. 15.	18	20

Bogobo name. 79

Kal-lee-to-lee'-to.

K'ri-Kri.

Po'-lo.

Po'-lo.

Joo'-sing. {Given to Soldier, Keller

Given to Private Fletcher Keller, 17th Infantry, U.S.A.

Be'a-oi-Toi.

Iris dark brown. Bill black. Feet and claws fleshy gray.

Sal-yo-lee'-bon.

"

The above (Nos. 13658–9) were a pair. Both had the bare parts colored as follows: Iris dark brown. Bill black. Feet very pale gray; under side of toes flesh color.

Doo-roogh-bah'-long.

Iris hazel. Bill with maxilla black, mandible grayish horn-color. Feet and claws sepia brown.

Lue-yew-awh'-toi.

Iris brown (color of its wing). Bill brownish black at tip, gray at base. Feet and claws light gray.

Kah-too-ree'-nay.

Kah-laa'-mogue.

Behr-riss-behr'-riss.

Kal-lee-ling-lee'-ling.

Iris greyish white. Bill and bare space around eye greenish yellow. Feet and claws olive-green.

			Alt. feet.	1904.	
13667	Xiphidura nigrocinnamomea.	Mt. Apo, Mindanao, P.I.	6200	♂ ad. July 8	
13668	Zosterops whiteheadi vulcani Hartert.	do	6200	♂ ad. "	
13669	Goodfellowia miranda.	do	6000	♂ ad. "	
13670	" "	do	6000	♂ ad "	
13671	Hypocryptadius cinnamomeus Hartert.	do	6000	♂ ad. "	
13672	Merula Kelleri Mearns.	do	6000	♂ juv. July 9	
13673	Phabotreron amethystina Bonaparte.	do	6000	♀ ad. "	
13674	~~Dendrophila~~ Callisitta lilacea Whitehead	do	6000	♀ ad. "	
13675	Merula Kelleri	do	6000	♂ ad. ~~juv.~~ "	
13676	Dicaeum nigrilore Hartert.	do	6000	♀ ad. "	
13677	Dendrophila Callisitta lilacea Whitehead.	do	6000	♂ ad. "	
13678	Collocalia marginata?	Todaya, Mt. Apo, Mindanao P.I.	4000	♀ ad. July 10	Nest against a cliff.
13679	Stoparola panayensis nigriloris.	Thermal Spring, Mt. Apo, Mindanao, P.I.		♂ ad. "	
13680	Hypothymis azurea (Boddaert).	Canyon of the O River, near Tooncalubing, Mt. Apo, Mindanao, P.I.		♀ ad. July 13	
13681	Macropygia tenuirostris	Near Tagulaya, Gulf of Davao, Mindanao, P.I.		♀ juv. "	
13682	Spilornis holospilus (Vigors).	Tagulaya, Mindanao, P.I.		♂ ad. July 14	Stomach filled with insects.
13683	Dicaeum nigrilore Hartert	Todaya, Mt. Apo, Mindanao, P.I.	4000	♂ ad. July 10	

Bogobo name

Tah'-din.
Kah-taa'-mogue.
Too-cah-ling'.
Too-cah-ling!

♂ Bogobo names: Que-yew-awh-toi; Kick-ye-k'yo; Kee-Kick'-yow.

Po'-lo.

291 450 152 120 22 25 28 Sagh-goo'-roe.
Iris brown.

133 238 77 42 10. mort. 15.5 17 21 Kah-lee-ling-lee'-ling.
Iris yellow. Bill and bare skin around eye greenish yellow. Feet and claws olive-green.

Po'-lo

Kal-lee-ling-lee'-ling.

Immature Kahl-le-bohs'-bohs.

Kal-lee-to-lee'-to.

Beh-koh'.

Nou-cah-hew'-ey.

Crop contained lobate ✿ berries (boong'-ah).

Stomach filled with insects.
520 1110 340 235 28 72 66 Chord of culmen and cere taken together, 36. Iris yellow. Cere, mustax, and tomia yellow. Bill plumbeous at base, plumbeous black at extremity. Feet yellow; claws black.

Kah-rah'-goang

13684	Asmotreron axillaris (Bp.)	Sagulaya, Mindanao, P.I.									
13685	Aethopyga boltoni	Todaya, Mt. Apo, Mindanao, P.I.	4000	♂ad.	July 14	310	510	165	103	20	26	32	Bogobo name. Poo'-ne.
						Iris pale grayish-blue. Cere red. Bill pale gray. Feet greenish gray; claws gray.							
13686	Brachypteryx mindanensis.	do	4000	♀ad.	July 11.	Killed on nest. Nest kept.							Kah-poi-yah-poi'-yuh.
				♂ad.?	"	155	218	70	50	13. 8.6mort	33	22	Lee-ong-tail'-oh.
						Trapped. Iris brown. Bill and feet gray-black.							Kohl-lee'-po.
13687	Lamprocorax todayensis (Type.)	do	4000	♀ad.	"	Unique in my collection. Flight very swift. Alights in the tallest trees in the forest. Common at Todaya.							
13688	Phabotreron brevirostris Tweeddale.	do	4000	♀ad.	"	252	388	126	93	16	20	25	Iris pink. Bill dusky horn-color. Feet wine color; claws brownish horn-color. Ovipositing.
13689	Leonardia woodi Mearns. Type.	do	4000	♂ad.	"	205	280	90	87	10mort 16	38	27	Doo-roogh-bah'-tong.
						Iris reddish brown. Bill black. Feet and claws plumbe-ous. Caught in a steel-trap.							
13690	Trichoglossus johnstoniae.	do	4000	♀ad.	July 12								Leese-leese (=accent).
13691	Loriculus philippinus Bonaparte.	do	4000	♀ad.	July 11.	Taken with nest and two eggs.							Huac.
13692	Macronous	do	4000	♂ad.	July 12								Tah-go-say'-ahn or Tah-goe'-say.
13693	Dicaeum nigriloris Hartert.	do	4000	♀juv.	"								Boo-ree'-bid.
13694	Artamus leucogaster.	do	4000	♂ad.	"								
13695	Oriolus chinensis L.	do	4000	♂juv.	"								Sah-lee'-oh.
13696	Dole philippinensis	do	4000	♂ad.	"								By-ah'-ko.
13697	Halcyon chloris	Sagulaya, Mindanao, P.I.	—	♂ad.	July 14	263	420	114	78	47	17	27	Ah'-dock.
13698	Tanygnathus luconensis	do	—	♂ad.	"	325	570	185	120	34	22	36	Kahr-rang'-ogg.
13699	" "	do	—	♂ad.	"	337	572	186	126	32	22	36	do

These two Parrots were colored as follows: Iris light yellow. Bill red at base, shading to yellow at tip. Feet greenish yellow, shaded with olive. Molting.

13700	Oriolus chinensis L.	Jagulaya, Mindanao, P. I.			1904.							
			♂ ad.	July 14	301	485	155	113	38	29	28	Sah-lee'-oh. Iris brown. Bill rose, shading to horn color at tip. Feet and claws plumbeous.
13701	Oriolus chinensis L.	do	♂ juv.	"								Sah-lee'-oh.
13702	Loriculus apicalis	Mt. Apo at 2000 feet altitude (near Tooncahling), Mindanao P. I.	♀ juv.	July 13								Two young were taken from a nest near Tooncahling, at 2000 feet on Mt. Apo. Kal-oh-lee'-ee.
13703	Phabotreron brevirostris	Mt. Apo at 5000 feet (not seen higher), Mindanao, P. I.	♂ ad.	July 10								Not seen above 5000 feet on Apo. Le-moke'-un.
13704	Anthothreptes chlorigaster	2d Island of Jaliend, off Samal Id. in the Gulf of Davao, Mindanao, P. I.	♀ ad.	July 17								
13705	" "	do	♂ juv.	"								
13706	" "	do	♂ juv.	"								
13707	" "	do	♂ juv.	"								
13708	Eurystomus orientalis	do	♂ ad.	"								
13709	Heteractitis brevipes	do	♀ ad.	"								
13710	~~Hemipus~~ Coracina mindanensis	do	♂ im.	"								
13711	Cinnyris jugularis	do	♂ ad.	"								
13712	Cinnyris sperata	do	♂ ad.	"								
13713	" "	do	♂ juv.	"								
13714	Zosterops	do	♂ ad.	"								Head gooncahling—shot off by 45-calibre pistol; Lieut. Cheston.
13715	Tainygnathus luconensis	Davao, Mindanao, P. I.	♂ ad.	July 19	307	560	180	108	32	21	32	
13716	Bolbopsittacus mindanensis (Steere).	do	♂ ad.	"								
13717	Osmotreron vernans (Linnæus).	do	♂ ad.	"								
13718	Phabotreron brevirostris Tweeddale.	do	♂ ad.	"								
13719	Anthus rufulus Vieillot	do	♀ ad.	"								
13720	Lalage terat = dominica (Müller).	do	♀ ad.	"								
13721	Dicæum davao	do	— ad.	"								
13722	" cinereigulare Tweeddale	do	♂ ad.	"								
13723	Goodfellowia miranda	Mt. Apo at Todaya, 4000 feet, Mindanao, P. I.	♂ ad.	July 12								Too-cah-ling'.
13724	Collocalia whiteheadi Grant	do	♂ juv.	July 11								Same species as No. 13543. Kahl-an-tee'-pach.
13725	Collocalia marginata?	do	♂ juv.	"								

13726	Collocalia marginata?	Mt. Apo at Todaya, 4000 ft. altitude, Mindanao, P.I.
13727	" "	do
13728	Macronous	do
13729	Munia jagori	do
13730	Loriculus apicalis Souancé	do
13731	" " "	Base of Mt. Apo, at 650 feet, Mindanao, P.I.
13732	Munia jagori.	Zamboanga, Mindanao, P.I.
13733	" "	do
13734	" "	do
13735	Osmotreron vernans	Mercedes, near Zamboanga, Mindanao, P.I.
13736	Dysporus	Sulu Sea, between Jolo and Iloilo, P.I.

See colors of Sula piscator Linn Oct., 1904, p. 588.

1904 Nestlings of No. 13578 (same species).

13737 juv. July 11

13738 juv. " "

13739 ♂ ad. July 12

13740 ♂ ad. " Parent taken with 3 eggs (No. 11).

13741 ♀ juv. " A caged bird.

13742 ♀ ad. June 15. Shot on a tall, dry bamboo, with two others.

13743 juv. May 14

13744 juv. "

13745 juv. "

Preserved in formalin. Three nestlings with one egg.

nestling ~~Hoyle~~ Dec. 20, 1903. Preserved in formalin.

13746 ♂ ad. Aug. 12 693 1400 374 225 81 37 73; height of bill at base, 27. Iris yellow. Bill slate-black. Face and gular pouch pale blue, fleshy on the lower eyelid. Feet orange, palest on tarsi; claws whitish at base shading to horn color at tip. Tail-feathers 12 short and a single long central rectrix. The bird was thin. It flew over the ship many times before alighting on the davit. It had a companion that did not try to come aboard. Several other "Boobies" were seen during the day. While sailing from Jolo on the Island of Sulu to Iloilo on the island of Panay, when in sight of the island of Negros, this Booby or Gannet alighted on the after davit, port side, of the U.S.A. Transport Protens. After dark a Filipino sailor was sent up by Captain Möller to catch it as it slept. When caught it gave coarse squawking cries, and disgorged a quantity of small squid that it had eaten.

Birds' Nests and Eggs Collected.

1. Leorone Philippina Bonaparte. Huan (Bogobo).
Incomplete nest, with 2 eggs (1 broken), brought me by a Bogobo boy at Todaya (4000 feet) on Mt. Apo. July 11, 1904. Parent No. 13537.
2. Pycnonotus goiavier (Scopoli).
Tib-boo'-ool (Bogobo). Nest with 2 eggs. Brought me by a Bogobo named Ahn'-del, at Todaya (4000 feet), on Mt. Apo, Mindanao, P.I., July 11, 1904.
3. Pycnonotus goiavier (Scopoli).
Bogobo name: Tib-boo'-ool. Nest with one egg. Todaya, altitude 4000 feet, Mt. Apo, Mindanao, P.I., July 10, 1904.
4. Pycnonotus goiavier (Scopoli). Tib-boo'-ool. Nest with 2 eggs. Todaya, altitude 4000 feet, on Mt. Apo, Mindanao, P. I., July 11, 1904.
5. Pycnonotus goiavier (Scopoli). Tib-boo'-ool. Nest from Todaya, altitude 4000 feet, on Mt. Apo, Mindanao, P. I., July 12, 1904.
6. Pycnonotus goiavier (Scopoli). Tib-boo'-ool. Nest with one egg. Tagulaya, on the edge of the Gulf of Davao, Mindanao, P. I., July 15, 1904.
7. Pycnonotus goiavieri (Scopoli). Tib-boo'-ool. Nest with two (2) eggs. Todaya, altitude 4000 feet on Mt. Apo, Mindanao, P. I., July 10, 1904.
8. Pycnonotus goiavier (Scopoli). Tib-boo'-ool. Nest from Todaya, altitude 4000 feet, on Mt. Apo, Mindanao, P. I., July 10, 1904.

9. Pycnonotus goiavier (Scopoli). Bogobo name, Tib-boo'-ool. Nest (past) and 2 eggs from Todaya, altitude 4000 feet, on Mt. Apo, Mindanao, P. I., July 11, 1904.
10. Munia jagori Martens. Bogobo names: My'-uh-del-ooh-mah'-tee; My'-ah-del-mah'. Nest with two (2) eggs. Todaya, altitude 4000 feet, on Mt. Apo, Mindanao, P. I., July 10, 1904.
11. Munia jagori Martens. My'-ah-del-mah' (Bogobo). Nest with 3 eggs and male parent (No. 13729). Todaya, altitude 4000 feet, on Mt. Apo, Mindanao, P.I., July 12, 1904.
12. Munia jagori Martens. My'-ah-del-mah' (Bogobo). Nest with one (1) egg from Todaya, altitude 4000 feet on Mt. Apo, Mindanao, P. I., July 11, 1904.
13. Hairy-back or Tah-go'-say (Bogobo). Nest from Todaya, altitude 4000 feet on Mt. Apo, Mindanao, P. I., July 10, 1904.
14. Bogobo name, Kah-poi-yah-poi'-yuh. Nest from Todaya, altitude 4000 feet, on Mt. Apo, Mindanao, P. I., July 11, 1904. The female (No. 13685) was shot as it left the nest.
15. Bogobo name Kah-poi-yah-poi'-yuh. Nest an one egg. Todaya, altitude 4000 feet on Mt Apo, Mindanao, P. I., July 12, 1904. The nest contained 2 eggs (1 broken) when brought in by a Bogobo boy. The eggs resemble those of the American House Wren (Troglodytes aëdon).

16.

Bogobo name: Kah-poi-yah-poi'-yuh.
Nest, old. Todaya, altitude 4000 feet, on Mt. Apo, Mindanao, P. I., July 11, 1904.

17.

Bogobo name, Kahl-le-bahs'-bahs.
Nest and one white egg. Todaya, altitude 4000 feet, on Mt. Apo, Mindanao, P. I., July 11, 1904.

18.

Bogobo name, Kahl-le-bahs'-bahs.
Nest. From Toldaya, altitude 4000 fuet, on Mt. Apo, Mindanao, P. I., Jul, 11, 1904.

19.

Bogobo name, Kahl-le-bahs'-bahs.
Nest. Todaya (4000 feet altitude), Mt. Apo, Mindan=
=ao, P. I., July 11, 1904.

20.

Bogobo name: Kahl-le-bahs'-bahs.
Nest. Todaya (4000 feet altitude), Mt. Apo, Mindanao, P. I., July 12, 1904.

21.

Bogobo name, Kahl-lee-bahs'-bahs.
Nest. Todaya (4000 fut altitude), Mt. Apo, Min:
=danao, P. I., July 12, 1904.

22 to 26.

Bogobo name, ~~Kahl-lee-bahs'-bahs~~.
Nests of the Cal-ahn-tee'-pach, a large, dark

Swift (No. 13642–45). Todaya, altitude 4000 feet, Mt. Apo, Mindanao, P. I., July 12, 1904.

27.

Bogobo name, Kah-taa'-moque (Two species are called by this name, of which Nos. 13534 and 13560 ♀ are examples). Nest from Mt. Apo at 6000 feet altitude, July 7, 1904.

28.

Bogobo name, Kahl-lee-babs'-babs.
Nest with 2 white eggs. Mt. Apo at Todaya, 4000 feet altitude, July 2, 1904.

29 ?

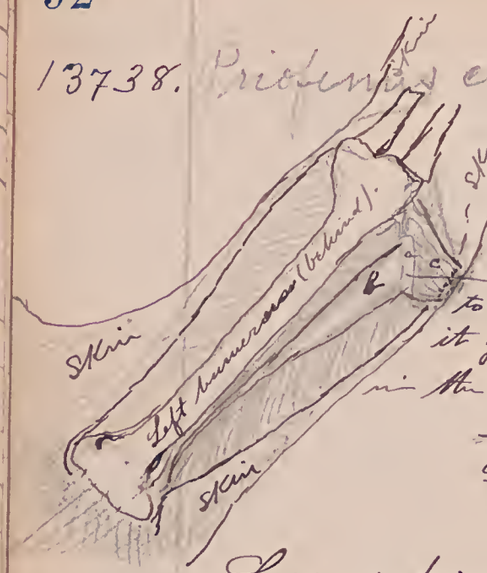
Nest, species unknown, from Mt. Apo, Mindanao, P. I., at 6000 feet altitude.

30. Megapodius cuningi Seopoli. Tah'-bon (Moro). Brought me on March 1, 1904, at Zamboanga, Mindanao, P. I., two (2) eggs. About 20 others were purchased in the Zamboanga Moro market, during March, 1904

No. 13737. ♀ ad. Lat. 29°–22' N. Long. 177°–59' E. Estrelata hypoleuca

Iris dark brown. Bill black. Tarsi, bare portion of tibia, and basal half of tors and interdigital webs flesh color; distal half of webs and toes, whole outer side of outer toe, and all claws, black. Came aboard the U.S.A. transport "Logan" about ~~225~~ 200 miles west of Midway Island, October 3, 1904. Measurements: 333; 770; 227; 133; 25.5; 30; 35; depth of bill in front of tube 8.5; diameter of eye, 8; bare tibia, 14; tarsus, 30; middle toe and claw, 35. Lining of wings all white on humeral joint; on 2 rows of greater coverts, 2d joint; one row on 3d joint.

13738. *Procelsterna cerulea.* { Pacific Ocean, between Honolulu and Midway Island, about 125 miles east of Midway Islands.



Humeri and gizzard preserved in alcohol. The latter contained dark shells, possibly those of a mollusk.

a. Bone. One its inner aspect it gives attachment to tensor muscle of the wing fascia (b). Externally it gives origin to a tendinous fascia that is inserted in the skin. (Right and left

List of birds forwarded to the U.S. National Museum by me for Mr. M. L. Robb, member of the Philippines scientific association. Mr. Robb told me that he collected these birds about Zamboanga, Mindanao; but he had probably forgotten that some Basilan birds given him by Mr. Winter Isabella, Basilan Isl, P. I.

	Penelopides basilanica	do	♂ ad.	
	Ninox	do	♂ ad.	
	Hydrocorax mindanensis	do	♂ ad.	
	" "	do	♀ ad.	Brown pl.
	Blue & chestnut Kingfisher	Near Zamboanga, Mindanao, P.I.	ad.	Whitish "
	Dark blue & white "	do	ad.	
	Large tendon	?		
2	Oriolus chinensis	Near Zamboanga, Mindanao, P.I.	♂ ad. Jan. 26, 1902	
	" "	do	♂ ad.	
		do	♂ ad.	
	Centropus melanopus	do	- ad.	
	? - eiputa?	Mts. E. of do	- ad. A small, dark-gray	
	Cicus spilonotus	do	- ad Gray plumage.	
	Melanoptargus episcopus			

1904

♂ ad.	Oct. 4	497	1090	310	163	40	52	62 62	Depth of bill, in front of tube, 10; bare tibia, 12; diameter of eye, 8. Greater and middle coverts of wing lining, white, more or less shot with the gray-brown of the lesser coverts. Lower eyelid whitish. Iris dark brown. Bill brownish plumbeous, with terminal processes of both mandibles brownish plumbeous-black. Bare portion of tibia, tarsi, toes, and claws, flesh color, faintly brownish on heel and outer surface of outer toe.

Museum by me for Mr. M. L. Robb, member of
ably forgotten that some Basilan birds given him by Mr. Winter
ad.

13739. Macropygia ? Chalcophaps indica (Linn.). Skull
13740. Gallinago megala Swinhoe. – ad. Bamboanga, Mindanao,
Island of Guam, Mariana or Ladrones group,
13741. Ptilopus roseicapillus. ♂ ad.
13742. " " ♀ ad.
13743. Halcyon cinnamominus. ♂ ad.
13744. " " ♀ ad.
13745. Collocalia fuciphaga. ♂ ad. Dr. Oberholser identifies this Swift as
13746. Rhipidura lurainæ. ♀ ad.
13747. " " ♀ ad.
13748. Myiagra freycineti. ♂ ad.
13749. " " ♂ ad.
13750. " " ad.
13751. Aplonis kittlitzi ♀ ad. Iris yellow.
13752. " " ♀ ad. do
13753 " " ♀ ad. do
13754 " " ♀ ad. do
13755. " " ♀ juv. do
13756. Myzomela rubrata. ♂
13757. " " ♂
13758. " " ♂
13759. " " ♀
13760. Zosterops conspicillata. ♂ ad.
13761 " " ad.
13762. Gygis alba kittlitzi. ♂ ad.
13763. Myzomela rubrata – ad. Preserved in alcohol.

Joan-cah-luig at 2000 feet on Mt. Apo. June 15, 1904.
P. I. 1903. Tail, only.
Pacific Ocean. July 20, 1905.

13764 *Pelecanus philippensis* Gmelin. Spotted-billed Pelican. ♀ ad. Length, 1350; alar expanse, 2130; wing 540; tail, 200; length of claws (chord): 1st (hallux), 17; 15; 17; 15 (outer) 300; greatest breadth, 38; least breadth, near base, feather, 82. Stomach empty. Contained an egg Weight, 9 1/4 pounds avoirdupois. Iris pale yellow becoming flesh color in a broad circle tinged with reddish brown laterally and terminally, each side; nail at tip of maxilla yellow; mandible subterminal fourth, becoming yellow at tip. (more gray posteriorly and purplish anteriorly) mottled base of bill; bluish and silvery white elevations plumbeous; claws olivaceous horn color. Shot by

13765 *Lanius nasutus* ♂ ad. Camp Stotsenburg, Luzon, P. I., November 28, 1905.

13766 *Megalurus palustris*. ♂ ad. do do

13767 *Hypotaenidia* ~~*Hypotaenidia*~~ *chirurgus* (Scopoli). ♀ ad. Camp Gregg, Pangasanan, Luzon, P. I., November 29, 1905. Shot and given me in the flesh by Lieutenant Chas. M. Maigne.

13768 (*Monticola.*) *Petrophila manilla*. ♂ ad. Near Twin Peaks, Benguet Road, Luzon, P. I., December 1, 1905.

13769 *Culicicapa helianthea* Sex? 3m. above do do

13770 *Megalurus palustris*. ♂ ad. Trinidad, Benguet, Luzon, P. I., December 3, 1905.

13771 *Rhyacophilus glareola*. ♀ ad. " do

13772 " " ♂ ad. " do

13773 *Gallinago megala* ♀ ad. " do

13774 *Budytes flavus leucostriatus*. ♂ ad. " do

13775 " " " ♀ ad. " do

13776 *Megalurus palustris*. ♂ ad. Near Civil Sanitarium, do do

13777 *Anthus hodgsoni* Sex? Baguio, Benguet, Luzon, P. I., December 4, 1905.

13778 *Pardaliparus elegans elegans* ♂ ad. do Military reservation. " 5, "

November , 1905.

tarsus, 85; middle toe with claw, 117; hallux with claw, 55; anteroposterior diameter of tarsus, 27; culmen (chord), 28; length of terminal nail, 27; longest occipital measuring 32 mm. in diameter. Tail of 20 feathers. Plumage worn. Bare space surrounding eye pale brownish next to the eye. Bill with maxilla flesh color, faintly and with about 20 very irregular brown spots along basal flesh color on basal half, mottled with purplish. Bare skin at base of bill, and pouch, purplish gray ded with blackish, especially on lowest part and below form chains of longitudinal spots. Legs and feet Major General Leonard Wood.

13779	Dryobates validirostris	♀ ad.	Military Reservation,	Bagnio, Benguet Province, Luzon, P. I.,	December 5, 1905.	
13780	Zosterops whiteheadi	♂ ad.	do	do	do	
13781	" "	♂ ad.	do	do	do	
13782	Anthus hodgsoni	♂ ad.	Shot in pine tree.	do	do	
13783	Anthus rufulus	♂ ad.	Shot on rocky ground	do	do	
13784	" "	♀ ad.	do	do	do	
13785	Petrophila manilla Bodd.	♂ ad.		do	do	
13786	Haliastur intermedius.	♀ ad.	Very fat;	do	do	stomach and gizzard do filled with locust grasshoppers.
13787	Anthus hodgsoni	Sex? ad.	Shot in a pine-tree.	do	do	
13788	Anthus rufulus	♀ ad.	Shot on rocky ground.	do	do	
13789	" "	♂ ad.	do	do	do	
13790	Acanthopneuste borealis	♂ ad.	Shot on pine-tree.	do	do	
13791	Pardaliparus elegans elegans.	♂ ad.	do	do	do	
13792	" " "	♀ ad.	do	do	do	
13793	Dendrophila mesolenca	♂ ad.		do	do	
13794	Loxia luzoniensis Grant.	♂ ad.		do	do	
13795	Anthus hodgsoni	♀ ad.		do	—	
13796	Pratincola kaprata	♂ ad.		do	—	
13797	Corone philippina.	♂ ad.	Caught in steel-trap baited with meat.			
13798	Dryobates validirostris.	♀ ad.	Shot in a pine-tree.			
13799	Pardaliparus elegans elegans.	♀ ad.	do			
13800	" " "	♂ ad.	do			
13801	" " "	♂ ad.	do			
13802	Petrophila manilla Bodd.	♂ ad.		do		
13803	Dendrophila mesolenca	♂ ad.		do		
13804	Dryobates validirostris.	♂ ad.		do		
13805	Zosterornis whiteheadi.	♂ ad.	Mount Santo Tomás	at 6000 feet.	do	Decembr 10, 1905.
13806	" "	♂ ad.	do	at 5500 "	do	do

				do	do	do
				do	do	do
				do	do	do
				do	do	do
				Llewellyn do	do	do
				Shot by Lt. L. W. Oliver. do	do	December 6, 1905
				do	do	do
				do	do	do
				do	do	do
				do	do	do
				do	do	December 7, 1905.
				do	do	do
				do	do	do
				{Iris yellowish white Bill and bare space surrounding}	do	orbits ~~white~~ yellow. do
				5100 feet altitude.	do	do
				do	do	do
				do	do	do
				do	do	do
				do	do	do
				do	do	December 8, 1905
				do	do	do
				do	do	December 9, 1905.
				do	do	do
				do	do	do
				do	do	do
				at 6000 feet.	do	alcoholic? December 10, 1905.
				at 5500 "	do	do

/3807	Zosterornis whiteheadi	♂ad.	Mt. Sto. Tomas,	Benguet Province, Luzon, P. I., 6000 feet. December 10, 1905.
/3808	" "	♂ad.	do	do do do
/3809	Cryptolopha nigrorum	♀ad.	do	do 7000 feet. do
/3810	Culicicapa helianthea	♂ad.	do	do 7000 feet. do
/3811	Ixigipicus validirostris	♀ad.	do	do 6500 feet. do
/3812	Zosterops whiteheadi (Altitude 7300 feet)	♀ad.	Zigzag, near Colgan,	do Benguet Road, Luzon, P. I. December 13, 1905. Altitude 3000 feet.
/3813	Collocalia linchi isonota	♀ad.	do	do Altitude 2200 feet. do
/3814	" " "	♂ad.	Between Colgan's camp and Camp No. 4,	do
/3815	Loxia luzoniensis Grant.	♂ad.		
/3816	" " "	♂ad.		
/3817	" " "	♂ad.		
/3818	" " "	♂ad.	All shot December 13,	
/3819	" " "	♂ad.	1905, just above the	
/3820	" " "	♂ad.	first bridge (nearly a	
/3821	" " "	♂ad.	mile) below Colgan,	
/3822	" " "	♂ad.	on the Benguet Road,	
/3823	" " "	♂ad.	Luzon, P. I.,	
/3824	" " "	♂ad.	at the altitude of	
/3825	" " "	♀ad.	about 2500 feet.	
/3826	" " "	♀ad.	At this point the	
/3827	" " "	♀ad.	pines descend to the	
/3828	" " "	♀ad.	riverbank.	
/3829	" " "	♀ad.		
/3830	" " "	♀ad.		
/3831	" " "	♀ad.		
/3832	" " "	♀ad.		
/3833	Anthus rufulus	♂ad	Between Twin Peaks and Dagupan, on the Benguet Road, Luzon, P. I., December 14, 1905.	

(Register of Birds continued in another book like this one.)

Mr. Maggie L. Robb
Washington, D. C.

Edgar A. Mearns